

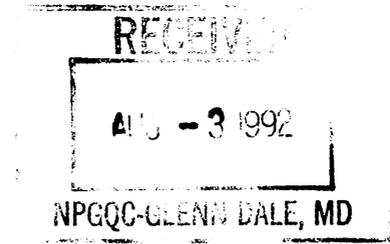


United States
Department of
Agriculture

Agricultural
Research
Service

Plant Inventory No. 200, Part II

Plant Materials Introduced
May 1 to August 31, 1991
(Nos. 550931 to 555395)



CONTENTS

Inventory	3
Index	
Scientific names	751
Common names	756
Acronyms	758

Plant Inventory No. 200 is a listing of plant materials introduced into the U.S. National Plant Germplasm System during calendar year 1991. The Inventory is divided into three parts that encompass PI numbers 546349 - 559358. This is not a listing of plant material for distribution.

Questions about data organization and proper plant identifications should be directed to the editor:

R.A. Norris, Germplasm Specialist
Plant Introduction Office
National Germplasm Resources Laboratory
U.S. Dept. of Agriculture
Agricultural Research Service
Beltsville, MD 20705

Other contributors to Plant Inventory 200 included:

V.M. Binstock
J.M. Ceresa
D.L. Harmon
Q.P. Sinnott
A.K. Stoner

Copies of this publication may be purchased from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.

ARS has no additional copies for free distribution.

PI 550931 to 551016. *Aegilops biuncialis* Vis. POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

- PI 550931 **donor id:** JM-3607. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3607. **locality:** 1 km south of junction to Litochoro on Thessaloniki-Athens highway. Plants growing in dry meadow. Clay soil with medium stones. **elevation:** 40m. **remarks:** Plants growing with perennial grasses and a few shrubs, e.g. *Corydothymus*, *Teucrium*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550932 **donor id:** JM-3608. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3608. **locality:** 1 km before Gherakari on Larissa-Aghia road, Larissa. Plants growing on slopes. Brown to yellow-brown clay loam soil on basalt. **elevation:** 80m. **remarks:** Plants growing with annual and perennial grasses. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550933 **donor id:** JM-3610. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3610. **locality:** 1 km before Gherakaria on Larissa-Aghia road, Larissa. Plants growing along roadside. Clay loam soil with few stones and moderate drainage. **elevation:** 80m. **remarks:** Plants growing with *Aegilops triuncialis*, ruderal plants, *Scolymus*, *Carthamus*, *Onopordum*, *Verbascum*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550934 **donor id:** JM-3615. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3615. **locality:** 4 km from Skiti on road to Aghiokambos, Larissa. Plants growing in small plains in hilly region at margins of barley fields. Loam soil with medium stones and good drainage. **elevation:** 140m. **remarks:** Plants growing with 5 other *Aegilops* species, some intermixed, and segetal weeds. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550935 **donor id:** JM-3624. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3624. **locality:** 2 km south of Aghiokambos, Larissa. Plants growing in neglected olive plantations on slopes. Loam soil with medium stones. **elevation:** 30m. **remarks:** Plants growing with 3 other *Aegilops* species, intermixed populations. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550936 **donor id:** JM-3627. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3627. **locality:** 6 km from Soteritsa on the road from the coast to Aghia, Larissa. Plants growing in neglected olive plantations. **elevation:** 90m. **remarks:** Plants growing with 4 other *Aegilops* species in intermixed populations and some elements of maquis. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550937 **donor id:** JM-3633. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3633. **locality:** 1 km before Piniada on Larissa-Trikala road, Trikala. Plants growing on south-facing slope. Dry, calcareous, light brown soil with some stones. **elevation:** 100m. **remarks:** Plants growing with *Haynaldia villosa*, *Achillea*, *Paliurus*, *Eryngium*, *Pyrus*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550938 **donor id:** JM-3635. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3635. **locality:** 1 km southeast of Zarkos, Trikala. Plants growing on west-facing slopes in hilly region, heavily grazed. Loam soil with medium stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with *Haynaldia villosa*, *Ballota*, *Carthamus*, *Eryngium*, *Paliurus*. Original sample consisted of a single non-disarticulating spike. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550939 **donor id:** JM-3638. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3638. **locality:** 2 km before Georganades on Larissa-Trikala road, Trikala. Plants growing on northwest-facing slopes. Calcareous, loam soil with medium stones. **elevation:** 70m. **remarks:** Plants growing with *Verbascum*, *Eryngium*, *Rumex*, and annual and perennial grasses. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550940 **donor id:** JM-3649. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3649. **locality:** 1.5 km before junction to Achladea on Kalambaka-Grevena road, Trikala. Plants growing on slopes. Clay soil with medium stones and good drainage. **elevation:** 360m. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, annual and perennial grasses, *Quercus*, *Paliurus*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550941 **donor id:** JM-3656. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3656. **locality:** 3 km after Aghio Theodori on Kalambaka-Grevena road, Grevena. Plants growing on roadside and margins of forest. Dark brown, shallow soil on basalt with few stones and good drainage. **elevation:** 750m. **remarks:** Plants growing with 2 other *Aegilops* species in intermixed populations, *Quercus*, and *Triticum boeoticum* (abundant). **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550942 **donor id:** JM-3661. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3661. **locality:** 5 km from Kipourio on road to Grevena. Plants growing on slopes. Loam soil with few stones and good drainage. **elevation:** 560m. **remarks:** Plants growing with annual and perennial grasses, *Juniperis*, *Quercus*, *Pyrus*, and 3 other *Aegilops* species. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550943 **donor id:** JM-3668. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3668. **locality:** 8 km from Kipourio on old Grevena-Kipourio road, Grevena. Plants growing at riverbank and margin of forest. Loam soil with good drainage. **elevation:** 520m. **remarks:** Plants growing with 3 other *Aegilops* species, *Platanus*, *Scirpus*, *Rubus*, *Quercus*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550944 **donor id:** JM-3671. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3671. **locality:** 7 km from Kipourio on old Grevena-Kipourio road, Grevena. Plants growing at riverbank or margin of forest. Loam soil with good drainage. **elevation:** 520m. **remarks:** Plants growing with 3 other *Aegilops* species, *Platanus*, *Scirpus*, *Rubus*, *Quercus*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550945 **donor id:** JM-3677. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3677. **locality:** 1.5 km before Sitaras on road to Kipurio, Grevena. Plants growing on moderate slopes among cultivated cereals. Clay loam soil with medium stones and good drainage. **elevation:** 750m. **remarks:** Plants growing with *Quercus*, *Triticum boeoticum*, *Haynaldia villosa*, and 3 other species of *Aegilops*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550946 **donor id:** JM-3684. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3684. **locality:** 2 km before Milia on Grevena-Kozani road, Grevena. Plants growing on slopes. Clay soil with few stones and good drainage. **elevation:** 670m. **remarks:** Plants growing with *Quercus*, *Pyrus*, *Rubus*, annual and perennial grasses, *Triticum boeoticum*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550947 **donor id:** JM-3689. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3689. **locality:** 2 km beyond junction to Siatista on Grevena-Kozani road, Kozani. Plants growing on margins of cultivated fields and Vitis plantations. **elevation:** 740m. **remarks:** Plants growing with ruderal and segetal plants. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550948 **donor id:** JM-3693. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3693. **locality:** 0.5 km beyond junction to Avgi on Kozani-Veria road, Kozani. Plants growing on slopes. Loam soil with medium stones. **elevation:** 810m. **remarks:** Plants growing with *Juniperus*, *Pyrus*, annual and perennial grasses. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550949 **donor id:** JM-3697. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3697. **locality:** 1 km beyond Georgiani on Kozani-Veria road. Plants growing along roadside and margins of fields, heavily grazed, disturbed habitat. **elevation:** 470m. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550950 **donor id:** JM-3703. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3703. **locality:** 2 km beyond Kampari on Thessaloniki-Kilkis road, Kilkis. Plants growing slopes in hilly region. Clay soil with medium stones. **elevation:** 80m. **remarks:** Plants growing with annual and perennial grasses and hemicryptophytes. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550951 **donor id:** JM-3708. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3708. **locality:** 1 km before Metalliko on road from Kilkis to Polykastro- Dorani, Kilkis. Plants growing along roadside. Sandy loam soil with numerous stones. **elevation:** 230m. **remarks:** Plants growing with ruderal roadside plants. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550952 **donor id:** JM-3717. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3717. **locality:** 1 km before Metalliko on Merson-Kilkis road, Kilkis. Plants growing in hilly region. Loam soil with medium stones and good drainage. **elevation:** 140m. **remarks:** Plants growing with *Fragaria*, grasses, hemicryptophytes, *Eryngium*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550953 **donor id:** JM-3721. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3721. **locality:** 1 km before Kendia on Thessaloniki-Chalkidiki road, Thessaloniki. Plants growing on slopes bordering cereal fields. Light brown loam soil with few stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with annual and perennial grasses and herbs, Eryngium, Marrubium. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550954 **donor id:** JM-3728. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3728. **locality:** 1 km before junction to Geoponika on Thessaloniki-Nea Moudania-Chalkidiki road, Chalkidiki. Plants growing in margins of maquis on hills and margins of cultivated fields. **elevation:** 70m. **remarks:** Plants growing with 8 other *Aegilops* species, *Quercus*, *Pistacia*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550955 **donor id:** JM-3732. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3732. **locality:** 2 km before Krini on St. Antonios-Petralona road, Chalkidiki. Plants growing on margins of maquis and garique. Calcareous, light brown loam soil with few stones and good drainage. **elevation:** 220m. **remarks:** Plants growing with *Quercus*, *Juniperus*, other maquis and garique plants, *Haynaldia villosa*, and 4 other species of *Aegilops*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550956 **donor id:** JM-3742. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3742. **locality:** 2 km beyond Kallithea on Moudania-Palouri road, Chalkidiki. Plants growing in margins of pine forest and roadside. Light brown loam soil with few stones and good drainage. **elevation:** 10m. **remarks:** Plants growing with *Pinus*, *Pyrus*, *Quercus*, *Spartium*, and several other *Aegilops* species. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550957 **donor id:** JM-3747. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3747. **locality:** 4 km beyond Palaioastron on Polygiros-Thessaloniki road, Chalkidiki. Plants growing on slopes on margins of cereal and vegetable fields. Reddish brown, Terra-rosa-like soil with few stones and good drainage. **elevation:** 500m. **remarks:** Plants growing with 3 other species of *Aegilops* in intermixed populations, *Pistacia*, *Quercus*, *Pyrus*, *Cichorium*, *Onopородon*, *Marrubium*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550958 **donor id:** JM-3753. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3753. **locality:** 1 km beyond junction to Vavdos Minas on Galatista- Thessaloniki road, Chalkidiki. Plants growing in hilly region on margins of cultivated cereal fields. Clay soil with few stones. **elevation:** 220m. **remarks:** Plants growing with annual and perennial grasses, Echium, and 2 other Aegilops species. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550959 **donor id:** JM-3756. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3756. **locality:** 1 km from Politia on road to Mt. Penteli, Attica. Plants growing in mountainous region on slopes. Sandy loam, rocky soil with good drainage. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550960 **donor id:** JM-3759. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3759. **locality:** 2 km east of Politia, Attica. Plants growing in ruined maquis, heavily grazed. Sandy loam soil with numerous stones and good drainage. **remarks:** Plants growing with Pinus, Quercus, Asparagus, Phillyrea, Cistus, Phagnalon. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550961 **donor id:** JM-3762. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3762. **locality:** Near Dionissos, northern foothills of Mt. Penteli, Attica. Plants growing in ruined maquis, heavily grazed, and roadside. Rocky, loam soil with good drainage. **remarks:** Plants growing with Pinus, Quercus, annual and perennial grasses and herbs, and 4 other species of Aegilops in intermixed populations. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550962 **donor id:** JM-3767. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3767. **locality:** Near Department of Forestry station on slopes of Mt. Penteli, Attica. Plants growing on slopes in mountainous region. Sandy loam soil with numerous stones. **elevation:** 900m. **remarks:** Plants growing in batha and relics of ruined maquis, Pinus, Sarcopoterium, Ceridothymus, Spartium, Cistus, and 2 other species of Aegilops. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550963 **donor id:** JM-3770. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3770. **locality:** Near Panorama on northeast slopes of Mt. Penteli, Attica. Plants growing on rocky slopes and roadside. **remarks:** Plants growing with Pinus, Phlomis, Cistus, Avena sterilis, and 3 other species of Aegilops in intermixed populations. **received as:** Aegilops lorentii. Wild. Seed.

PI 550931 to 551016-continued

- PI 550964 **donor id:** JM-3774. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3774. **locality:** 3 km west of Rafina on Marathon-Athens road, Attica. Plants growing on roadside and margins and spaces in maquis. Loam soil with medium stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with Pinus, Avena sterilis, Lolium, Oryzopsis, Cistus. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550965 **donor id:** JM-3779. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3779. **locality:** 1 km from Pikermi on road to Athens, Attica. Plants growing on moderate slopes in meadow. Clay loam soil with medium stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with 3 other species of Aegilops in intermixed populations, Pistacia, Avena sterilis, Cynadon Daucus. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550966 **donor id:** JM-3783. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3783. **locality:** 3 km west of Pikirmi on road to Penteli, Attica. Plants growing in meadow between pine forests, heavily grazed. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with Pinus, Carthamus, Avena sterilis, Eryngium, Cirsium. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550967 **donor id:** JM-3789. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3789. **locality:** 2 km north of Schimatari on road to Chalkida, Boeotea. Plants growing on moderate slopes. Clay loam soil with few stones and good drainage. **elevation:** 200m. **remarks:** Plants growing with Pinus, Pistacia, Cistus, Sinapsis. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550968 **donor id:** JM-3792. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3792. **locality:** Near junction to Ritsona on road to Vathi, Boeotea. Plants growing on margins of plantations and roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with Pistacia, Silybum, Hirschfeldia, Scolymus. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550969 **donor id:** JM-3794. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3794. **locality:** 3 km from Ritsona on road to Chalkida, Boeotea. Plants growing on margins of cultivated cereal fields and roadside. Clay loam soil with few stones. **remarks:** Plants growing with Pinus, Pistacia, Oryzopsis, Avena sterilis, Coridothymus. **received as:** Aegilops lorentii. Wild. Seed.

PI 550931 to 551016-continued

- PI 550970 donor id: JM-3798. origin: Greece. collected: July 17, 1984. collector id: JM-3798. locality: 3 km from Drossia on road to Loukisia, Boeotea. Plants growing on margins of cultivated cereal fields, olive plantations, and roadside. Sandy loam soil with medium stones and good drainage. remarks: Plants growing with *Olea*, *Ballota*, *Avena sterilis*. received as: *Aegilops lorentii*. Wild. Seed.
- PI 550971 donor id: JM-3802. origin: Greece. collected: July 17, 1984. collector id: JM-3802. locality: 10 km from Drossia on road to Loukissia, Boeotea. Plants growing in margins and open spaces in fields and olive plantation and batha. remarks: Plants growing with annual and perennial grasses and herbs, e.g. *Avena sterilis*, *Oryzopsis*, *Sarcopoterium*, *Coridothymus*, *Allium*. received as: *Aegilops lorentii*. Wild. Seed.
- PI 550972 donor id: JM-3804. origin: Greece. collected: July 17, 1984. collector id: JM-3804. locality: 3 km from Loukissia on road to Mauriki, Boeotea. Plants growing in open spaces on slopes with maquis and garique, and margins and spaces in olive plantations. Loam soil with few stones and good drainage. remarks: Plants growing with *Quercus*, *Pistacia*, *Olea*, and *Avena sterilis*. received as: *Aegilops lorentii*. Wild. Seed.
- PI 550973 donor id: JM-3807. origin: Greece. collected: July 17, 1984. collector id: JM-3807. locality: 8 km from Loukissia on road to Mauriki, Boeotea. Plants growing in open spaces in maquis and garique on slopes, heavily grazed. Clay loam soil with few stones and good drainage. remarks: Plants growing with 2 other *Aegilops* species in intermixed populations, *Quercus*, *Pistacia*. received as: *Aegilops lorentii*. Wild. Seed.
- PI 550974 donor id: JM-3811. origin: Greece. collected: July 17, 1984. collector id: JM-3811. locality: 2 km from Mauriki on road to Loukissia, Boeotea. Plants growing in open spaces in batha and garique on slopes. Loam soil with medium stones and good drainage. remarks: Plants growing with *Quercus*, *Pistacia*, *Sarcopoterium*, *Haynaldia villosa*, *Hordeum bulbosum*, and 3 other *Aegilops* species. received as: *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550975 **donor id:** JM-3817. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3817. **locality:** 1 km from Ipata, northeast of Monastery of Sagmata (Mt. Messapio), Boeotea. Plants growing in batha on mountain slopes. Clay loam soil with few stones. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, *Coridothymus*, *Asphodelus*, *Marrubium*, *Haynaldia villosa*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550976 **donor id:** JM-3825. **origin:** Greece. **collected:** July 21, 1984. **collector id:** JM-3825. **locality:** Near Acrokorinthos, upper slopes of Mt. Acrokorinthos, Korinthos. Loam soil with few stones. **elevation:** 400m. **remarks:** Plants growing with *Asphodelus*, *Phlomis*, *Avena sterilis*, *Haynaldia villosa*, *Euphorbia*, *Pyrus*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550977 **donor id:** JM-3828. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3828. **locality:** 3.5 km from Solomos on Korinthos-Argos road, Korinthos. Plants growing on moderate slopes in hilly region. Sandy loam soil with few stones and good drainage. **remarks:** Plants growing with *Pyrus*, *Pistacia*, *Olea*, *Oryzopsis*, *Avena sterilis*, *Hirschfeldia*, *Griola*, *Coridothymus*, and 2 other *Aegilops* species in intermixed populations. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550978 **donor id:** JM-3831. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3831. **locality:** 1 km beyond Dervenakia on Korinthos-Argos road, Korinthos. Plants growing in neglected olive plantations, margins of maquis, and roadside on moderate slopes. Sandy loam soil with medium stones and good drainage. **elevation:** 260m. **remarks:** Plants growing with *Pyrus*, *Sarcopoterium*, *Coridothymus*, *Picnomon*, *Avena sterilis*, *Cistus*, *Quercus*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550979 **donor id:** JM-3834. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3834. **locality:** 1 km south of Ancient Kikines, Argolis Plants growing on terraces on hillside and roadside. Loam soil with medium stones and good drainage. **elevation:** 110m. **remarks:** Plants growing with *Olea*, *Phlomis*, *Avena sterilis*, *Nerium*, *Oryzopsis*, *coridothymus*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550980 **donor id:** JM-3839. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3839. **locality:** Near Nauplio halfway on the mountain, Argolis. Plants growing in olive plantations on slopes. Loam soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, annual and perennial grasses, *Micromeria*, *Avena sterilis*, *Haynaldia villosa*, *Hordeum murinum*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550981 **donor id:** JM-3843. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3843. **locality:** Near castle on mountain near Nauplio, Argolis. Plants growing on slopes. Rocky, loam soil with good drainage. **remarks:** Plants growing with *Phlomis*, *Micromeria*, *Avena sterilis*, *Haynaldia villosa*, *Phagnalon*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550982 **donor id:** JM-3845. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3845. **locality:** 2 km from junction to Tolo on Nauplio-Epidavros road, Argolis. Plants growing on slopes in elements of batha and garique. Loam soil with few stones. **remarks:** Plants growing with *Sarcopoterium*, *Coridothymus*, *Eryngium*, *Pyrus*, *Asphodelus*, *Quercus*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550983 **donor id:** JM-3850. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3850. **locality:** 8 km from junction to Tolo on road from Nauplio to Epidavros, Argolis. Plants growing in open spaces in garique and batha on hillsides and roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with 2 other *Aegilops* species, *Quercus*, *Pistacia*, *Coridothymus*, *Echium*, *Scolymus*, *Hypericum*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550984 **donor id:** JM-3851. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3851. **locality:** 4 km from Giannoudaika on Nauplio-Epidavros road, Argolis. Plants growing on margins of fields and open areas on hillsides. Loam soil with medium stones. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550985 **donor id:** JM-3854. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3854. **locality:** 2 km from Ligurio on road to Epidavros, Argolis. Plants growing in fallow fields with elements of batha and garique on moderate slopes. terra rosa-like soil with medium stones and good drainage. **remarks:** Plants growing with *Pyrus*, *Pistacia*, *Carthamus*, *Ballota*, *Asparagus*, *Quercus*, *Sarcopoterium*, *Eryngium*, *Hordeum bulbosum*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 550986 **donor id:** JM-3859. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3859. **locality:** 5 km from Ligurio (at junction to Palea Epidavros) on road to Korinthos, Argolis. Plants growing on margins of maquis and olive plantations. Reddish-brown, terra rosa-like soil with medium stones and good drainage. **remarks:** Plants growing with Quercus, Pistacia, Cistus, Spartium, Sarcopoterium, Pyrus, Atractylis. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550987 **donor id:** JM-3860. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3860. **locality:** 9 km from Ligurio on road to Korinthos, Argolis. Plants growing on margins of almond plantation in dry, rocky sites. **remarks:** Plants growing with Prunus, Pistacia, Quercus, Phillyrea, Ceratonia, annual and perennial herbs. Aegilops population small. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550988 **donor id:** JM-3861. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3861. **locality:** 2 km from junction to Dimena on Kauplio-Ligurio-Korinthos road, Argolis. Plants growing in fallow fields on hillside and roadside. **remarks:** Plants growing with 3 other Aegilops species, Eryngium, Pyrus, Centaurea, Verbascum. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550989 **donor id:** JM-3866. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3866. **locality:** 2.5 km from north junction to Nea Epidavros on Ligurio-Korinthos road, Argolis. Plants growing in olive plantation. Clay soil with numerous stones. **remarks:** Plants growing with Olea, Quercus, Cistus, Phillyrea. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550990 **donor id:** JM-3869. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3869. **locality:** 23 km from Ligurio on road to Korinthos, Argolis. Plants growing in disturbed habitat on roadside. Soil covered with gravel. **remarks:** Plants growing with Sarcopoterium, Avena sterilis, Oryzopsis. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550991 **donor id:** JM-3871. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3871. **locality:** 1.5 km before junction to Sofiko on Ligurio-Korinthos road, Korinthos. Plants growing on margins and open spaces in pine groves and olive plantations. Terra rosa-like clay loam soil with medium stones and good drainage. **remarks:** Plants growing with Pinus, Olea, Cistus, Pistacia, Avena sterilis. **received as:** Aegilops lorentii. Wild. Seed.

- PI 550992 **donor id:** JM-3874. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3874. **locality:** 5 km before Almiri on Liguria-Korinthos road, Korinthos. Plants growing on margins and open spaces in pine grove on moderate slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with Pinus, Pistacia, Cistus, Coridothymus, Pallenis. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550993 **donor id:** JM-3877. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3877. **locality:** North edge of Kechries on Loutro Elenis-Korinthos road. Plants growing on hills near sea in open spaces between pines. Calcareous, gray-white loam soil with medium stones. **elevation:** 20m. **remarks:** Plants growing with Pinus, Eryngium, Avena sterilis, Micromeria, Pallenis. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550994 **donor id:** JM-3881. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3881. **locality:** 5.5 km from Loutraki on road to Perachora, Korinthos. Plants growing on margins of maquis on slopes facing the sea. Sandy, rocky soil. **remarks:** Plants growing with Olea, Carthamus, Pistacia, Picnomon, Phillyrea, Ditrichia. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550995 **donor id:** JM-3884. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3884. **locality:** 1 km before Pissia on road from Perachora, Korinthos. Plants growing on roadside and mixed almond and olive plantation around Mt. Gerania on moderate slopes. Loam soil with medium stones and good drainage. **remarks:** Plants growing with Aegilops triuncialis, Quercus, Micromeria, Clematis, Asparagus, Hypericum, Avena sterilis, Cistus. **received as:** Aegilops lorentii. Wild. Seed.
- PI 550996 **donor id:** JM-3888. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3888. **locality:** 2 km from Pissia on road to Schinos, Korinthos. Plants growing in small plains and on slopes of Mt. Gerania and margins of pine forest and batha. Dark, purplish-brown loam soil with medium stones and good drainage. **remarks:** Plants growing with 2 other Aegilops species in completely intermixed populations, Pinus, Pyrus, Cistus, Sarcopoterium, Ditrichia. **received as:** Aegilops lorentii. Wild. Seed.

PI 550931 to 551016-continued

- PI 550997 **donor id:** JM-3890. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3890. **locality:** 4 km from Pissia on road to Schinos on slopes of Mt. Gerania, Korinthos. Plants growing in meadow and batha on mountain slope, heavily grazed. Loam, rocky soil with good drainage. **remarks:** Plants growing with 2 other *Aegilops* species in intermixed populations, *Pinus*, *Quercus*, *Pistacia*, *Sarcopoterium*, annual and perennial herbs and grasses. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550998 **donor id:** JM-3893. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3893. **locality:** 5.5 km from Perachora on road to Vouliagmani (Greon), Korinthos. Plants growing in small plains between hills. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with 2 other *Aegilops* species in intermixed populations, *Olea*, *Pistacia*, *Coridothymus*, *Sarcopoterium*, *Micromeria*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 550999 **donor id:** JM-3898. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3898. **locality:** 0.5-1.0 km from Greon (ancient site) on road to Loutraki, Korinthos. Plants growing in meadow surrounded by pines and garique. Sandy loam soil with medium stones. **remarks:** Plants growing with *Olea*, *Cistus*, *Capparis*, *Pinus*, *Coridothymus*, *Phagnalon*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551000 **donor id:** JM-3900. **origin:** Greece. **collected:** July 26, 1984. **collector id:** JM-3900. **locality:** 0.5 km before Soulinari on Vrachati-Nimea road, Korinthos. Plants growing on slopes of hills bordering cultivated plots and roadside. Calcareous, loam soil with medium stones and good drainage. **elevation:** 180m. **remarks:** Plants growing with *Oryzopsis*, *Coridothymus*, *Pistacia*, *Cistus*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551001 **donor id:** JM-3905. **origin:** Greece. **collected:** July 27, 1984. **collector id:** JM-3905. **locality:** 1 km from Mistras, near top of Mistras Mt., Lakonia. Plants growing on slopes. Loam soil with medium stones and good drainage. **elevation:** 200m. **remarks:** Plants growing with *Pistacia*, *Eryngium*, *Euphorbia*, *Hordeum bulbosum*, *Ballota*, *Phlomis*, *Hypericum*, *Scolymus*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 551002 **donor id:** JM-3911. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3911. **locality:** 0.5 km from Gythio (southwest on hill above town). Plants growing on slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Sarcopoterium*, *Coridothymus*, *Quercus*, *Piconomon*, *Cistus*, *Pistacia*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551003 **donor id:** JM-3916. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3916. **locality:** 1 km from junction to Areopolis on Areopolis-S. Mani road, Lakonia. Plants growing on plains. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Aegilops triuncialis*, *Olea*, *Verbascum*, *Sarcopoterium*, *Micromeria*, *Ditrichia*, *Hypericum*, *Picnomon*, *Oryzopsis*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551004 **donor id:** JM-3917. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3917. **locality:** 2 km from Pirgos Dirou on road to Dirou caves, Lakonia. Plants growin in margins and spaces between trees in olive plantation on moderate slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Sarcopoterium*, *Micromeria*, *Asphodelus*, *Coridothymus*, and *Aegilops comosa* in intermixed populations. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551005 **donor id:** JM-3921. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3921. **locality:** 0.5 km from junction to Mezapos on Areopolis-Gerolimena road, Lakonia. Plants growing in olive plantation and roadside. **remarks:** Plants growing with *Olea*, *Picnomon*, *Centaurea*, *Avena sterilis*, and 2 other *Aegilops* species. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551006 **donor id:** JM-3927. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3927. **locality:** 1 km from junction to Kotronas on road from Areopolis, Lakonia. Plants growing on old terraces with scattered olives. Loam soil. **remarks:** Plants growing with *Olea*, *Sarcopoterium*, *Calycotome*, *Coridothymus*, *Trifolium*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551007 **donor id:** JM-3931. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3931. **locality:** 3 km from Pirrichos on road to Areopolis, Lakonia. Plants growing on moderate slopes in olive plantation. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Pyrus*, *Avena sterilis*, *Asparagus*, *Micromeria*, *Centaurea*, *Picnomon*, *Notobosis*, *Pallenis*, *Dactylis*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

- PI 551008 **donor id:** JM-3933. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3933. **locality:** 6 km from Neo Jtilo on Areopolis-Kalamata road, Lakonia. Plants growing in degraded maquis and batha on slopes and terraces with cultivated olives. Clay soil with numerous stones and good drainage. **remarks:** Plants growing with *Olea*, *Salvia*, *Ballota*, *Quercus*, *Asparagus*, *Sarcopoterium*, *Micromeria*, *Spartium*, *Dactylis*, *Cartina*, *Centaurea*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551009 **donor id:** JM-3936. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3936. **locality:** 2 km from Paleo Jtilo on Areopolis-Kalamata road, Lakonia. Plants growing with cultivated olives. Clay soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Hordeum bulbosum*, *Avena sterilis*, *Dactylis*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551010 **donor id:** JM-3938. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3938. **locality:** 4.5 km from Platsa on Areopolis-Kalamata road, Messini. Plants growing in disturbed roadside with gravel and at margins of maquis and olive plantations. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with *Quercus*, *Pistacia*, *Coridothymus*, *Oryzopsis*, *Salvia*, *Asparagus*, *Olea*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551011 **donor id:** JM-3943. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3943. **locality:** 1.8 km from Kardamyli on road to Kalamata, Messini. Plants growing on terraces in olive plantations at margins of maquis and batha. Light reddish brown clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Sarcopoterium*, *Asphodelus*, *Pistacia*, *Coridothymus*, and *Avena sterilis*. **received as:** *Aegilops lorentii*. Wild. Seed.
- PI 551012 **donor id:** JM-3950. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3950. **locality:** 0.5 km from Sotirianka on road to Kalanata, Messina. Plants growing slopes in fig and olive plantations. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Quercus*, *Pinus*, *Pistacia*, *Sarcopoterium*, *Coridothymus*, *Dactylis*, *Avena sterilis*, *Cistus*. This population differs from the common forms of the species. Seems to be a local variant in the geographic region. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 550931 to 551016-continued

PI 551013 **donor id:** JM-3952. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3952. **locality:** 0.5 km from Lambena on Messini-Mavromati road, Messini. Plants growing on terraces to moderate slopes in olive plantation. Clay soil with few stones and good drainage. **remarks:** Plants growing with *Olea*, *Capparis*, *Sarcopoterium*, *Carlina*, *Phlomis*, *Rapistrum*, *Teucrium*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 551014 **donor id:** JM-3962. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3962. **locality:** 3.5 km from Tsukalaika on Tripoli-Kalamata road, Messini. Plants growing in old terraces with neglected olives with batha vegetation, extending to roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with *Cercis*, *Pistacia*, *Phlomis*, *Smilax*, *Teucrium*, *Micromeria*, *Hypeirhinia*, *Dactylis*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 551015 **donor id:** JM-3964. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3964. **locality:** 9 km before Artemisia (0.5 km beyond bridge on river gorge) on Kalamata-Sparti road, Messini. Plants growing in mountainous region. Loam soil with medium stones and good drainage. **remarks:** Plants growing with maquis and batha vegetation, *Quercus*, *Pistacia*, *Cercis*, *Arbretus*, *Cistus*, *Micromeria*, *Hyperhenia*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 551016 **donor id:** JM-3971. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3971. **locality:** 1 km from Amykles, east of Sparti-Gythio road, Lakonia. Plants growing on moderate slopes in batha and roadside. Sandy loam soil with few stones and good drainage. **remarks:** Plants growing with *Coridothymus*, *Spartium*, *Carthamus*, *Pyrus*, *Hypparhenia*, *Haynaldia villosa*, *Asphodelus*, *Hirschfeldia*, *Eryngium*, *Onopordon*, *Verbascum*. **received as:** *Aegilops lorentii*. Wild. Seed.

PI 551017 to 551038. *Aegilops comosa* Sibth. & Smith POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

PI 551017 to 551038-continued

- PI 551017 **donor id:** JM-3619. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3619. **other id:** H85-1228. **locality:** 4 km from Skiti on road to Aghiokambos, Larissa. Plants growing in small plains in hilly region at margins of barley field. Gray loam soil with medium stones and good drainage. **elevation:** 140m. **remarks:** Plants growing with segetal weeds and 5 other Aegilops species. Wild. Seed.
- PI 551018 **donor id:** JM-3625. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3625. **other id:** H85-1229. **locality:** 2 km south of Aghiokambos, Larissa. Plants growing in neglected olive plantations on slopes. Loam soil with medium stones. **elevation:** 30m. **remarks:** Plants growing with 3 other Aegilops species. Wild. Seed.
- PI 551019 **donor id:** JM-3636. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3636. **other id:** H85-1230. **locality:** 1 km southeast of Zarkos, Trikala. Plants growing on west facing slope, heavily grazed area. Light brown calcareous loam soil with medium stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with annual grasses, hemicryptophytes, Paliurus. Derived from a single non-disarticulating spike. Wild. Seed.
- PI 551020 **donor id:** JM-3647. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3647. **other id:** H85-1231. **locality:** 1.5 km before junction to Achladea on Kalambaka-Grevena road, Trikala. Plants growing on slopes in open spaces of forest. Clay soil with medium stones and good drainage. **elevation:** 360m. **remarks:** Plants growing with annual and perennial grasses, Quercus, Paliurus, and 3 other Aegilops species in intermixed populations. Wild. Seed.
- PI 551021 **donor id:** JM-3658. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3658. **other id:** H85-1232. **locality:** 5 km from Kipourio on road to Grevena. Plants growing on slopes. Loam soil with few stones and good drainage. **elevation:** 560m. **remarks:** Plants growing with annual and perennial grasses, Juniperis, Quercus, Pyrus, and 3 other Aegilops species. Wild. Seed.

PI 551017 to 551038-continued

- PI 551022 **donor id:** JM-3724. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3724. **other id:** H85-1201. **locality:** 1 km before Kendia on Thessaloniki-Chalkidiki road. Plants growing on margins of cereal fields on slopes. Light brown loam with few stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with annual and perennial grasses and herbs, Eryngium, Marrubium. **received as:** *Aegilops comosa* subsp. *eucomosa* var. *thessalia*. Wild. Seed.
- PI 551023 **donor id:** JM-3736. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3736. **other id:** H85-1233. **locality:** 2 km before Krini on St. Antonios-Petralona road, Chalkidiki. Plants growing on slopes on margins of maquis and garique. Calcareous, light brown loam soil with few stones and good drainage. **elevation:** 220m. **remarks:** Plants growing with 4 other species of *Aegilops*, *Haynaldia villosa*, *Quercus*, *Juniperus*, and other maquis and garique plants. Wild. Seed.
- PI 551024 **donor id:** JM-3760. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3760. **other id:** H85-1234. **locality:** 2 km east of Politia, Attica. Plants growing on slopes in ruined maquis. Sandy loam soil with numerous stones and good drainage. **remarks:** Plants growing with *Pinus*, *Quercus*, *Asparagus*, *Phillyrea*, *Cistus*, *Phagnalon*. Wild. Seed.
- PI 551025 **donor id:** JM-3765. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3765. **other id:** H85-1235. **locality:** Near Dionissos, northern foothills of Mt. Penteli, Attica. Plants growing on slopes in ruined maquis, heavily grazed. Rocky, loam soil with good drainage. **remarks:** Plants growing with *Pinus*, *Quercus*, annual and perennial grasses and herbs, and 4 other species of *Aegilops* in intermixed populations. **received as:** *Aegilops comosa* subsp. *eucomosa* var. *thessalica*. Wild. Seed.
- PI 551026 **donor id:** JM-3771. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3771. **other id:** H85-1204. **locality:** Near Panorama on northeast slopes of Mt. Penteli, Attica. Plants growing on rocky slopes and roadside. Sandy loam soil with good drainage. **remarks:** Plants growing with 3 other species of *Aegilops* in intermixed populations, *Pinus*, *Phlomis*, *Cistus*, *Avena sterilis*. Plants approaching characteristics of subsp. *eucomosa* var. *thessalica*. Wild. Seed.

PI 551017 to 551038-continued

- PI 551027 **donor id:** JM-3771a. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3771a. **other id:** H85-1205. **locality:** Near Panorama on northeast slopes of Mt. Penteli, Attica. Plants growing on rocky slopes and roadside. Sandy loam soil with good drainage. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, *Pinus*, *Phlomis*, *Cistus*, *Avena sterilis*. Plants showing characteristics of subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551028 **donor id:** JM-3776. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3776. **other id:** H85-1236. **locality:** 3 km west of Rafina on Marathon-Athens road, Attica. Plants growing on roadside and margins and spaces of maquis. Loam soil with medium stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with *Pinus*, annual and perennial grasses, *Avena sterilis*, *Lolium*, *Oryzopsis*, *Cistus*. **received as:** *Aegilops comosa* subsp. *eucomosa* var. *thessalica*. Wild. Seed.
- PI 551029 **donor id:** JM-3780. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3780. **other id:** H85-1206. **locality:** 1 km from Pikermi on road to Athens, Attica. Plants growing on moderate slopes in meadow with few scattered trees and shrubs. Clay loam soil with medium stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with *Pinus*, *Pistacia*, *Avena sterilis*, *Cynodon dactylon*, *Daucus*. Variable population with intermediates between subsp. *heldreichii* and subsp. *eucomosa*. Wild. Seed.
- PI 551030 **donor id:** JM-3790. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3790. **other id:** H85-1207. **locality:** 2 km north of Schimatari on road to Chalkida, Boeotea. Plants growing on moderate slopes. Clay loam soil with few stones and good drainage. **elevation:** 200m. **remarks:** Plants growing with *Pinus*, *Pistacia*, *Cistus*, *Sinapsis*. Wild. Seed.
- PI 551031 **donor id:** JM-3790a. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3790a. **other id:** H85-1208. **locality:** 2 km north of Schimatari on road to Chalkida, Boeotea. Plants growing on moderate slopes. Clay loam soil with few stones and good drainage. **elevation:** 200m. **remarks:** Plants growing with *Pinus*, *Pistacia*, *Cistus*, *Sinapsis*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551017 to 551038-continued

- PI 551032 **donor id:** JM-3799. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3799. **other id:** H85-1209. **locality:** 3 km from Drossia on road to Loukisia, Boeotea. Plants growing in margins of cultivated cereal fields and olive plantation and roadside. Sandy loam soil with medium stones and good drainage. **remarks:** Plants growing with *Avena sterilis*, *Ballata*. Spikelets somewhat inflated, lateral glume teeth somewhat developed. Intermediate in those characters between subsp. *eucomosa* and *heldreichii*. Wild. Seed.
- PI 551033 **donor id:** JM-3809. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3809. **other id:** H85-1238. **locality:** 8 km from Loukissia on road to Mauriki, Boeotia. Plants growing in open spaces in maquis and garique on hills, slopes, heavily grazed. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with 2 other *Aegilops* species in intermixed populations, *Quercus*, and *Pistacia*. Wild. Seed.
- PI 551034 **donor id:** JM-3812. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3812. **other id:** H85-1239. **locality:** 2 km from Mauriki on road to Loukissia, Boeotia. Plants growing in open spaces in batha and garique on hilly slopes. Loam soil with medium stones and good drainage. **remarks:** Plants growing among *Quercus*, *Pistacia*, *Sarcopoterium*, *Haynaldia villosa*, *Hordeum bulbosum*, and 3 other *Aegilops* species. Wild. Seed.
- PI 551035 **donor id:** JM-3820. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3820. **other id:** H85-1240. **locality:** 1 km from Ipata, northeast of Monastery of Sagmata, Mt. Messapio, Boeotia. Plants growing on batha on mountain slopes. Clay loam soil with few stones. **remarks:** Plants growing with 3 other *Aegilops* species (intermixed), *Coridothymus capitatus*, *Asphodelus aestivus*, *Marrubium peregrina*, and *Haynaldia villosa*. Wild. Seed.
- PI 551036 **donor id:** JM-3908a. **origin:** Greece. **collected:** July 28, 1984. **collector id:** JM-3908a. **other id:** H86-903. **locality:** Near Sparti between Acropolis and Roman Theater, Lakonia. Plants growing in *Olea europaea* stands. Clay loam soil with few stones and good drainage. **elevation:** 200m. **remarks:** Plants growing among *Aegilops caudata*, *Eryngium* sp., *Scolymus*, *Oryzopsis*, *Asphodelus*, *Avena sterilis*, *Haynaldia villosa*. Wild. Seed.

PI 551017 to 551038-continued

PI 551037 donor id: JM-3912. origin: Greece. collected: July 30, 1984. collector id: JM-3912. other id: H85-1255. locality: 0.5 km from Gythio (southwest on hill above town), Lakonia. Plants growing on slopes on hill. Clay loam soil with medium stones and good drainage. remarks: Plants growing with Sarcopoterium, Coridothymus, Quercus, Picnomon, Cistus, Pistacia. Wild. Seed.

PI 551038 donor id: JM-3915. origin: Greece. collected: July 30, 1984. collector id: JM-3915. other id: H85-1215. locality: Near Acropolis, 1 km from junction of Acropolis-S. Mani road, Lakonia. Plants growing in Olea europaea stands. Clay loam soil with medium stones and good drainage. remarks: Plants growing among Aegilops triuncialis, Sarcopoterium, Micromeria, Ditrichia, Hypericum, Picnomon, Oryzopsis, Verbascum sp. Wild. Seed.

PI 551039 to 551081. *Aegilops comosa* subsp. *heldreichii* (Boiss.) Eig
POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

PI 551039 donor id: JM-3738. origin: Greece. collected: July 12, 1984. collector id: JM-3738. other id: H85-1202. locality: 2 km beyond Kallithea on Moudania-Palouri road, Chalkidriki. Plants growing on margins of pine forest and roadside. Light brown loam soil with few stones and good drainage. elevation: 10m. remarks: Plants growing with Pyrus, Quercus, Pinus, Spartium. received as: *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551040 donor id: JM-3738a. origin: Greece. collected: July 12, 1984. collector id: JM-3738a. other id: H85-1203. locality: 2 km beyond Kallithea on Moudania-Palouri road, Chalkidriki. Plants growing on margins of pine forest and roadside. Light brown loam soil with few stones and good drainage. elevation: 10m. remarks: Plants growing with Pyrus, Quercus, Pinus, Spartium. Original sample was a single non-disarticulating spike having no rudimentary spikelet. received as: *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551039 to 551081-continued

- PI 551041 **donor id:** JM-3738b. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3738b. **other id:** H85-1245. **locality:** 2 km beyond Kallithea on Moudania-Palouri road, Chalkidriki. Plants growing on margins of pine forest and roadside. Light brown loam soil with few stones and good drainage. **elevation:** 10m. **remarks:** Plants growing with *Pyrus*, *Quercus*, *Pinus*, *Spartium*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551042 **donor id:** JM-3784. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3784. **other id:** H85-1237. **locality:** 3 km west of Pikirmi on road to Penteli, Attica. Plants growing in meadow between pine forests, heavily grazed. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with *Pinus*, *Carthamus*, *Avena sterilis*, *Eryngium*, *Cirsium*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551043 **donor id:** JM-3822. **origin:** Greece. **collected:** July 21, 1984. **collector id:** JM-3822. **other id:** H85-1241. **locality:** .5 km from Ancient Korinthos on road to Mt. Acrokorinthos. Plants growing on slopes in margins of fallow fields and roadside. Loam soil with few stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with *Phlomis fruticosa*, *Euphorbia* sp., and *Haynaldia villosa*. Variable number of spikelets per spike, usually 1 to 4. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551044 **donor id:** JM-3827. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3827. **other id:** H85-1243. **locality:** 3.5 km from Solomos on road from Korinthos to Argos. Plants growing on moderate slope. Sandy loam soil with few stones and good drainage. **remarks:** Plants growing with 2 other *Aegilops* species in intermixed populations (extensive), *Pyrus*, *Pistacia*, *Olea*, *Oryzopsis*, *Avena sterilis*, *Hirschfeldia*, *Griola*, *Coridothymus*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551045 **donor id:** JM-3833. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3833. **other id:** H85-1244. **locality:** 1 km south of Ancient Mikines, Argolis. Plants growing on roadside and in terraces on hillside with scattered olives. Loam soil with medium stones and good drainage. **elevation:** 110m. **remarks:** Plants growing with *Phlomis*, *Avena sterilis*, *Coridothymus*, *Oryzopsis*, *Nerium oleander* (roadside). **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551039 to 551081-continued

- PI 551046 **donor id:** JM-3846. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3846. **other id:** H85-1246. **locality:** 2 km from junction to Tolo along Navplion-Epidhavros road, Argolis. Plants grow in batha on slopes. Loam soil with few stones. **remarks:** Plants growing with Sarcopoterium, Coridothymus, Pyrus, Asphodelus, Quercus. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551047 **donor id:** JM-3856. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3856. **other id:** H85-1247. **locality:** 2 km from Ligurio on road to Epidhavros, Argolis. Plants growing in fallow fields, level to moderate slopes. Terra rosa-like, clay loam soil with medium stones and good drainage. **elevation:** 370m. **remarks:** Plants growing with several *Aegilops* species, Pyrus, Pistacia, Carthamus, Ballota, Asparagus, Quercus, Sarcopoterium, Eryngium, Hordeum bulbosum. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551048 **donor id:** JM-3858. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3858. **other id:** H85-1248. **locality:** 5 km from Ligurio on road to Korinthos, junction to Palea Epidhavros, Argolis. Plants growing on margins of marquis and olive plantations. Terra-rosa like, clay soil with medium stones and good drainage. **remarks:** Plants growing with Quercus, Pistacia, Cistus, Spartium, Sarcopoterium, Pyrus, and Atractylis. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551049 **donor id:** JM-3864. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3864. **other id:** H85-1210. **locality:** Near Dimena, 2 km from junction of Navplion-Korinthos (via Ligurio) road. Plants growing on roadside and fallow fields, level to moderate slopes. Clay soil with few stones and good drainage. **remarks:** Plants growing with 3 other *Aegilops* species, Eryngium, Pyrus, Centaurea, and Verbascum. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551039 to 551081-continued

- PI 551050 donor id: JM-3865. origin: Greece. collected: July 24, 1984. collector id: JM-3865. other id: H85-1211. locality: 2.5 km from north junction to Nea Epidavros, Argolis. Plants growing in Olea europea stands. Clay soil with numerous stones. remarks: Plants growing among Quercus, Cistus, and Phillyrea. Variable population, glumes of lateral spikelets with well developed micronate teeth, or mostly produced into awns. received as: Aegilops comosa subsp. heldreichii var. subventricosa. Wild. Seed.
- PI 551051 donor id: JM-3865a. origin: Greece. collected: July 24, 1984. collector id: JM-3865a. other id: H85-1212. locality: 2.5 km from north junction to Nea Epidavros, Argolis. Plants growing in Olea europea stands. Clay soil with numerous stones. remarks: Plants growing with Quercus, Cistus, and Phillyrea. Shows distinct characteristics of var. polyathera, rather rare variety. received as: Aegilops comosa subsp. heldreichii var. polyathera. Wild. Seed.
- PI 551052 donor id: JM-3872. origin: Greece. collected: July 24, 1984. collector id: JM-3872. other id: H85-1249. locality: Near Sofiko, 1.5 km before junction of Ligurio-Korinthos road. Plants growing in margins and open spaces in pine groves and olive plantations. Terra rosa-like, clay loam soil with medium stones and good drainage. elevation: 430m. remarks: Plants growing among Pinus, Olea, Cistus, Pistacia, and Avena sterilis. received as: Aegilops comosa subsp. heldreichii var. subventricosa. Wild. Seed.
- PI 551053 donor id: JM-3873. origin: Greece. collected: July 24, 1984. collector id: JM-3873. other id: H85-1250. locality: 5 km before Almiri on Ligurio-Korinthos road. Plants growing on roadside and margins and open spaces in pine grove, moderate slopes. Clay loam soil with medium stones and good drainage. remarks: Plants growing among Pinus, Pistacia, Cistus, Coridothymus, and Pallenis. received as: Aegilops comosa subsp. heldreichii var. subventricosa. Wild. Seed.
- PI 551054 donor id: JM-3883. origin: Greece. collected: July 25, 1984. collector id: JM-3883. other id: H85-1251. locality: 5.5 km from Loutraki on road to Perachora, Korinthos. Plants growing at roadside and margins of maquis on slopes facing the sea. Sandy, rocky soil. remarks: Plants growing with Olea, Carthamus, Pistacia, Picnomon, Phillyrea, Ditirichia. received as: Aegilops comosa subsp. heldreichii var. subventricosa. Wild. Seed.

PI 551039 to 551081-continued

- PI 551055 **donor id:** JM-3894. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3894. **other id:** H85-1252. **locality:** 5.5 km from Perachora on road to Vouliagmeni (Jreon), Korinthos. Plants growing in small plains between hills with batha vegetation. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Pistacia*, *Coridothymus*, *Sarcopoterium*, *Micromeria*, and 2 other *Aegilops* species in intermixed populations. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551056 **donor id:** JM-3895. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3895. **other id:** H85-1253. **locality:** 0.5 km from Freon (ancient site) on road to Loutraki, Korinthos. Plants growing in meadow surrounded by pines and garique. Sandy loam soil with medium stones. **remarks:** Plants growing with *Olea*, *Cistus*, *Capparis*, *Pinus*, *Coridothymus*, *Phagnalon*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551057 **donor id:** JM-3901. **origin:** Greece. **collected:** July 26, 1984. **collector id:** JM-3901. **other id:** H85-1254. **locality:** 0.5 km before Soulinari on Vrachati-Nimea road, Korinthos. Plants growing on roadsides and slopes of hills bordering cultivated plots. Calcareous, loam soil with medium stones. **elevation:** 180m. **remarks:** Plants growing with *Oryzopsis*, *Coridothymus*, *Pistacia*, *Cistus*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551058 **donor id:** JM-3908. **origin:** Greece. **collected:** July 28, 1984. **collector id:** JM-3908. **other id:** H85-1213. **locality:** Near Sparti, between Acropolis and Roman Theatre, Lakonia. Plants growing on level plain in olive grove. Clay loam soil with few stones. **elevation:** 200m. **remarks:** Plants growing with *Olea*, *Eryngium*, *Scolymus*, *Oryzopsis*, *Asphodelus*, *Avena sterilis*, *Haynaldia villosa*. Part of the population spikelets are much ventricose, glume teeth in lateral spikelets much elongated, micronate to sh. aristate. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551059 **donor id:** JM-3918. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3918. **other id:** H85-1216. **locality:** 2 km from Pirgos Dirou on road to Dirou caves, Lakonia. Plants growing in spaces between trees in olive plantation on moderate slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Aegilops biuncialis*, covering extensive areas, and elements of batha. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *biaristata*. Wild. Seed.

PI 551039 to 551081-continued

- PI 551060 **donor id:** JM-3919. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3919. **other id:** H85-1217. **locality:** Near Mezapos, 0.5 km from junction of Areopolis-Gerolimenas road, Lakonia. Plants growing in olive plantation and roadside. **remarks:** Plants growing with *Olea*, *Picnomon*, *Centaurea*, *Avena sterilis*, and 2 other species of *Aegilops* with *A. comosa* most common. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *biaristata*. Wild. Seed.
- PI 551061 **donor id:** JM-3922. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3922. **other id:** H85-1218. **locality:** Near Alika, 2.3 km from junction of Alika-Vathia road, Lakonia. Plants growing in olive plantation on slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing among *Olea*, *Micromeria*, *Oryzopsis*, *Avena sterilis*, *Centaurea*, *Phagnalon*, *Carlina*, *Ditrichia*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *biaristata*. Wild. Seed.
- PI 551062 **donor id:** JM-3923. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3923. **other id:** H85-1219. **locality:** 3.5 km from Lagia on road to Kokala, Lakonia. Plants growing in neglected terraces with batha vegetation or hillside or roadside. Rocky, clay loam soil with good drainage. **remarks:** Plants growing in batha vegetation and among *Avena sterilis*, *Centaurea*, *Picnomon*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *biaristata*. Wild. Seed.
- PI 551063 **donor id:** JM-3924. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3924. **other id:** H85-1242. **locality:** 4.5 km from Kokala on road to Areopolis, Lakonia. Plants growing on roadside and in terraces with abandoned olives. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing among *Olea*, *Ceratinia*, *Salvia*, *Ditrichia*, *Phlomis*, *Pallenis*, *Avena sterilis*, *Haynaldia villosa*, and *Centaurea*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *biaristata*. Wild. Seed.

PI 551039 to 551081-continued

- PI 551064 **donor id:** JM-3929. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3929. **other id:** H85-1220. **locality:** 0.5 km from Chimara on the Kokala-Areopolis road, Lakonia. Plants growing in fallow fields and batha formations. Terra rosa-like, loam soil with medium stones and good drainage. **remarks:** Plants growing with segetal herbs and grasses, Phlomis, Pistacia, Avena sterilis, and Euphorbia. Zone of transition from var. subventricosa, which is commonest to the north, and var. biaristata, which is rare and found mostly south. **received as:** Aegilops comosa subsp. heldreichii transitional forms. Wild. Seed.
- PI 551065 **donor id:** JM-3929a. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3929a. **other id:** H86-904. **locality:** 0.5 km from Chimara on Kokala-Areopolis road, Lakonia. Plants growing in fallow fields and batha formations. Terra rosa-like, loam soil with medium stones and good drainage. **remarks:** Plants growing with segetal herbs and grasses, Phlomis, Pistacia, Avena sterilis, Euphorbia. Sample consisted of a single spike with no rudimentary basal spikelets, non-disarticulating. Wild. Seed.
- PI 551066 **donor id:** JM-3932. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3932. **other id:** H85-1222. **locality:** 3 km from Pirrichos on Pirrichos-Areopolis road, Lakonia. Plants growing on level to moderate slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with Olea, Pyrus, Avena sterilis, Asparagus, Micromeria, Centaurea, Picnomon, Notobosis, Pallenis, and Dactylis. Transitional between var. subventricosa and var. biaristata. **received as:** Aegilops comosa subsp. heldreichii var. subventricosa. Wild. Seed.
- PI 551067 **donor id:** JM-3932a. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3932a. **other id:** H85-1223. **locality:** 3 km from Pirrichos on Pirrichos-Areopolis road, Lakonia. Plants growing on level to moderate slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with Olea, Pyrus, Avena sterilis, Asparagus, Micromeria, Centaurea, Picnomon, Notobosis, Pallenis, and Dactylis. Transitional between var. subventricosa and var. biaristata. **received as:** Aegilops comosa subsp. heldreichii var. biaristata. Wild. Seed.

PI 551039 to 551081-continued

- PI 551068 **donor id:** JM-3932b. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3932b. **other id:** H85-1224. **locality:** 3 km from Pirrichos on Pirrichos-Areopolis road, Lakonia. Plants growing on level to moderate slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Pyrus*, *Avena sterilis*, *Asparagus*, *Micromeria*, *Centaurea*, *Picnomon*, *Notobosis*, *Pallenis*, and *Dactylis*. Transitional between var. *subventricosa* and var. *biaristata*. **received as:** *Aegilops comosa* subsp. *heldreichii* transitional forms. Wild. Seed.
- PI 551069 **donor id:** JM-3934. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3934. **other id:** H85-1257. **locality:** 6 km from Neo Jtilo on Areopolis-Kalamata road, Lakonia. Plants growing on degraded maquis and batha on slopes and terraces with cultivated olives. Clay, rocky soil with good drainage. **remarks:** Plants growing with *Olea*, *Salvia*, *Ballota*, *Quercus*, *Aspergus*, *Sarcopoterium*, *Micromeria*, *Spartium*, *Dactylis*, *Cartina*, *Centaurea*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *biaristata*. Wild. Seed.
- PI 551070 **donor id:** JM-3937. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3937. **other id:** H85-1225. **locality:** 2 km from Paleo Jtilo on Areopolis-Kalamata road, Lakonia. Plants growing in olive plantation on terraces. Clay soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Hordeum bulbosum*, *Avena sterilis*, *Dactylis*. Variability from var. *biaristata* to var. *subventricosa* with intermediate forms. Wild. Seed.
- PI 551071 **donor id:** JM-3940. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3940. **other id:** H85-1258. **locality:** 4.5 km from Platsa on Areopolis-Kalamata road, Messini. Plants growing in disturbed roadside and maquis and olive plantations. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with *Quercus*, *Pistacia*, *Coridothymus*, *Oryzopsis*, *Salvia*, *Asparagus*, *Olea*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551039 to 551081-continued

- PI 551072 **donor id:** JM-3945. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3945. **other id:** H85-1226. **locality:** 2.6 km after junction to Prossilio on Kardamyli-Kalamata road, Messini. Plants growing on slopes in olive plantation. Clay soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Pyrus*, *Quercus*, *Micromeria*, *Pistacea*, *Euphorbia*, *Avena sterilis*, *Haynaldia villosa*. Population consists of var. *subventricosa*, *biaristata*, and *polyathera*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *biaristata*. Wild. Seed.
- PI 551073 **donor id:** JM-3948. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3948. **other id:** H85-1259. **locality:** 0.5 km from Sotirianka on road to Kalamata, Messini. Plants growing with cultivated figs and olives on slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Quercus*, *Pinus*, *Pistacia*, *Sarcopoterium*, *Ceridothymus*, *Dactylis*, *Avena sterilis*, *Cistus*, and 2 other species of *Aegilops* in intermixed populations. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551074 **donor id:** JM-3951. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3951. **other id:** H85-1260. **locality:** 0.5 km from Lambena on Messini-Mavromati road, Messini. Plants growing in olive plantations on terraces to moderate slopes. Clay soil with few stones and good drainage. **elevation:** 60m. **remarks:** Plants growing with *Capparis*, *Sarcopoterium*, *Carlina*, *Phlomis*, *Rapistrum*, *Teucrium*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551075 **donor id:** JM-3955. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3955. **other id:** H85-1261. **locality:** 3 km from Lambena on road to Mavromati, Messini. Plants growing on hillside with batha and roadside in disturbed habitat covered with gravel. **remarks:** Plants growing with 4 other *Aegilops* species, *Pistacia*, *Pyrus*, *Phlomis*, *Teucrium*, *Paliurus*, *Dactylis*, *Avena sterilis*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551039 to 551081-continued

- PI 551076 **donor id:** JM-3959. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3959. **other id:** H85-1262. **locality:** 3.5 km from Tsukalaika on Tripoli-Kalamata road, Messini. Plants growing in old terraces with neglected olives, with batha vegetation, extending to roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with *Cercis*, *Pistacia*, *Phlomis*, *Smilax*, *Teucrium*, *Micromeria*, *Hyperrhinia*, *Dactylis*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551077 **donor id:** JM-3966. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3966. **other id:** H85-1263. **locality:** 2 km from Tripi on Kalamata-Sparta road, Lakonia. Plants growing in margins and spaces in olive plantation, including plowed areas. Loam soil with few stones and good drainage. **remarks:** Plants growing with *Ditrichia*, *Carthamus*, *Centaurea*, *Rubus*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551078 **donor id:** JM-3970. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3970. **other id:** H85-1264. **locality:** 1 km from Amykles, east of Sparta-Gythio road, Lakonia. Plants growing in batha and roadside. Sandy loam soil with few stones and good drainage. **remarks:** Plants growing with *Coridothymus*, *Spartium*, *Carthamus*, *Pyrus*, *Pypparhenia*, *Haynaldia villosa*, *Asphodelus*, *Hirschfeldia*, *Eryngium*, *Onopordon*, *Verbascum*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.
- PI 551079 **donor id:** JM-3973. **origin:** Greece. **collected:** August 08, 1984. **collector id:** JM-3973. **other id:** H85-1265. **locality:** 0.8 km from Vafio on road to Vafio Tholos tomb, 2.5 km from Amykles, Lakonia. Plants growing around and along gravel pathway and in margins and between trees in olive plantation. Clay loam soil with medium stones. **remarks:** Plants growing with *Olea*, *Eryngium*, *Scolymus*, *Hypericum*, *Hirschfeldia*, *Avena sterilis*. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551039 to 551081-continued

PI 551080 **donor id:** JM-3980. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3980. **other id:** H85-1266. **locality:** 2 km from Dafni on Dafni-Gorani road (slopes of Mt. Taigetos). Plants growing in batha and margins of maquis, extending to roadside. Sandy soil with medium stones and moderate drainage. **remarks:** Plants growing with Platanus, Acer, Cercis, Quercus, Spartium, Micromeria, Eryngium, Ditrichia, Scolymus, Carlina, Carthamus. **received as:** *Aegilops comosa* subsp. *heldreichii* var. *subventricosa*. Wild. Seed.

PI 551081 **donor id:** JM-3985. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3985. **other id:** H85-1227. **locality:** 5 km after junction to Petrina on Sparti-Gythio road, Lakonia. Plants growing in margins of cultivated fields and roadside on level to moderate slopes. Sandy loam soil with medium stones and good drainage. **remarks:** Plants growing with Pistacia, Sarcopoterium, Calycotome, Cistus. Transitional forms between var. *subventricosa* and var. *biaristata*, with many intermediates. Wild. Seed.

PI 551082. *Aegilops cylindrica* Host POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

donor id: JM-3682. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3682. **locality:** Kipourio, Grevena. Plants growing on margins of cultivated garden. Loam soil with few stones and moderate drainage. **remarks:** A small population. Wild. Seed.

PI 551083 to 551118. *Aegilops geniculata* Roth POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

PI 551083 **donor id:** JM-3612. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3612. **locality:** 2.5 km from SKiti on road to Aghiokambos, Larissa. Plants growing in open spaces in maquis and roadsides. Clay loam soil with medium stones and good drainage. **elevation:** 250m. **remarks:** Plants growing with Cistus, Mentha, and 3 other *Aegilops* species. **received as:** *Aegilops ovata*. Wild. Seed.

PI 551083 to 551118-continued

- PI 551084 **donor id:** JM-3618. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3618. **locality:** 4 km from Skiti on road to Aghiokambos, Larissa. Plants growing in small plains in hilly region on margins of cultivated barley fields. Loam soil with medium stones and good drainage. **elevation:** 140m. **remarks:** Plants growing with segetal weeds and 5 other Aegilops species, some in intermixed populations. **received as:** Aegilops ovata. Wild. Seed.
- PI 551085 **donor id:** JM-3630. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3630. **locality:** 6 km before Soteritsa on road from coast to Aghia, Larissa. Plants growing in neglected olive plantations. **elevation:** 90m. **remarks:** Plants growing with 4 other Aegilops species, some in intermixed populations, and some elements of maquis. **received as:** Aegilops ovata. Wild. Seed.
- PI 551086 **donor id:** JM-3665. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3665. **locality:** 8 km from Kipourio on old road from Grevena, Grevena. Plants growing at riverbank and margin of forest. Loam soil with good drainage. **elevation:** 520m. **remarks:** Plants growing with 3 other Aegilops species, partially intermixed populations, Platanus, Scirpus, Rubus, Quercus. **received as:** Aegilops ovata. Wild. Seed.
- PI 551087 **donor id:** JM-3683. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3683. **locality:** 2 km before Milia on Grevena-Kozani road, Grevena. Plants growing on slopes in hilly region. Clay soil with few stones and good drainage. **elevation:** 670m. **remarks:** Plants growing with Quercus, Pyrus, Rubus, annual and perennial grasses, Triticum boeoticum. **received as:** Aegilops ovata. Wild. Seed.
- PI 551088 **donor id:** JM-3688. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3688. **locality:** 2 km after junction to Siatista on Grevena-Kozani road, Kozani. Plants growing on slopes at margins of cultivated fields and Vitis plantations. **elevation:** 740m. **remarks:** Plants growing with ruderal and segetal plants. **received as:** Aegilops ovata. Wild. Seed.
- PI 551089 **donor id:** JM-3702. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3702. **locality:** 2 km beyond Kampari on Thessaloniki-Kilkis road, Kilkis. Plants growing on slopes in hilly region. Clay soil with medium stones. **elevation:** 80m. **remarks:** Plants growing in typical batha, annual and perennial grasses, hemicryptophytes. **received as:** Aegilops ovata. Wild. Seed.

PI 551083 to 551118-continued

- PI 551090 donor id: JM-3707. origin: Greece. collected: July 11, 1984. collector id: JM-3707. locality: 1 km before Metalliko on road from Kilkis to Polykastro- Dorani, Kilkis. Plants growing at margins of batha and roadside. Sandy loam soil with numerous stones. elevation: 230m. remarks: Plants growing with ruderal roadside species. received as: *Aegilops ovata*. Wild. Seed.
- PI 551091 donor id: JM-3718. origin: Greece. collected: July 11, 1984. collector id: JM-3718. locality: 1 km before Metalliko on Herson-Kilkis road, Kilkis. Plants growing in hilly region. Loam soil with medium stones and good drainage. elevation: 140m. remarks: Plants growing with batha, grasses, and hemicryptophytes, *Eryngium*. received as: *Aegilops ovata*. Wild. Seed.
- PI 551092 donor id: JM-3723. origin: Greece. collected: July 12, 1984. collector id: JM-3723. locality: 1 km before Kendia on Thessaloniki-Chalkidiki road, Thessaloniki. Plants growing in margins of cultivated cereal fields. Light brown loam soil with few stones and good drainage. elevation: 150m. remarks: Plants growing with annual and perennial grasses and herbs, *Eryngium*, *Marrubium*. received as: *Aegilops ovata*. Wild. Seed.
- PI 551093 donor id: JM-3729. origin: Greece. collected: July 12, 1984. collector id: JM-3729. locality: 1 km before junction to Geoponika on Thessaloniki-Nea-Moudani-Chalkidiki road, Chalkidiki. Plants growing on hills and margins of cultivated fields in plains. elevation: 70m. remarks: Plants growing with 3 other *Aegilops* species, *Quercus*, *Pistacia*. received as: *Aegilops ovata*. Wild. Seed.
- PI 551094 donor id: JM-3734. origin: Greece. collected: July 12, 1984. collector id: JM-3734. locality: 2 km before Krini on St. Antonios-Petralona road, Chalkidiki. Plants growing at margins of maquis and garique. Calcareous, light brown loam soil with few stones and good drainage. elevation: 220m. remarks: Plants growing with 4 other species of *Aegilops*, *Haynaldia villosa*, *Quercus*, *Juniperus*, and other maquis and garique species. received as: *Aegilops ovata*. Wild. Seed.
- PI 551095 donor id: JM-3739. origin: Greece. collected: July 12, 1984. collector id: JM-3739. locality: 2 km beyond Kallithea on Moudania-Palouri road, Chalkidiki. Plants growing at margins of pine forest and roadside. Light brown loam soil with few stones and good drainage. elevation: 10m. remarks: Plants growing with *Pinus*, *Pyrus*, *Quercus*, *Spartium*. received as: *Aegilops ovata*. Wild. Seed.

- PI 551096 **donor id:** JM-3746. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3746. **locality:** 1.5 km beyond Polygiros on road Paliokastron-Thessaloniki road, Chalkidiki. Plants growing on slopes in hilly region. Clay loam soil with few stones. **elevation:** 580m. **remarks:** Plants growing with maquis and batha species. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551097 **donor id:** JM-3749. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3749. **locality:** 4 km beyond Palaioastron on Polygiros-Thessaloniki road, Chalkidiki. Plants growing on hillsides and margins of cereal and vegetable fields. Clay loam soil with few stones and good drainage. **elevation:** 400m. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, *Pistacia*, *Quercus*, *Pyrus*, *Cichorium*, *Onopordon*, *Marrubium*. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551098 **donor id:** JM-3757. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3757. **locality:** 1 km from Politia on road to Mt. Penteli, Attica. Plants growing in mountainous region on slopes. Sandy loam soil with numerous stones and good drainage. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551099 **donor id:** JM-3761. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3761. **locality:** 2 km east of Politia, Attica. Plants growing in ruined maquis, heavily grazed. Sandy loam soil with numerous stones and good drainage. **remarks:** Plants growing with *Pinus*, *Quercus*, *Asparagus*, *Phillyrea*, *Cistus*, *Phagnalon*. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551100 **donor id:** JM-3766. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3766. **locality:** Near Dionissos, northern foothills of Mt. Penteli, Attica. Plants growing in ruined maquis, heavily grazed, and roadside. Rocky, loam soil with good drainage. **remarks:** Plants growing with 4 other *Aegilops* species in intermixed populations, *Pinus*, *Quercus*, annual and perennial grasses and herbs. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551101 **donor id:** JM-3773. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3773. **locality:** Near Panorama on northeast slopes of Mt. Penteli, Attica. Plants growing on rocky slopes and roadside. Sandy loam soil with good drainage. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, *Pinus*, *Phlomis*, *Cistus*, *Avena sterilis*. **received as:** *Aegilops ovata*. Wild. Seed.

PI 551083 to 551118-continued

- PI 551102 **donor id:** JM-3775. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3775. **locality:** 3 km west of Rafina on Marathon-Athens road, Attica. Plants growing at roadside and margins and spaces in maquis. Loam soil with medium stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with Pinus, annual and perennial grasses, Avena sterilis, Lolium, Oryzopsis, Cistus. **received as:** Aegilops ovata. Wild. Seed.
- PI 551103 **donor id:** JM-3781. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3781. **locality:** 1 km from Pikermi on road to Athens, Attica. Plants growing on moderate slopes in meadow. Clay loam soil with medium stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with 3 other Aegilops species in intermixed populations, Pinus, Pistacia, annual and perennial grasses, Avena sterilis, Cynadon, Daucus. **received as:** Aegilops ovata. Wild. Seed.
- PI 551104 **donor id:** JM-3785. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3785. **locality:** 3 km west of Pikermi on road to Penteli, Attica. Plants growin in meadow between pine forests, heavily grazed. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with Pinus, Carthamus, Avena sterilis, Eryngium, Cirsium. **received as:** Aegilops ovata. Wild. Seed.
- PI 551105 **donor id:** JM-3793. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3793. **locality:** Near junction to Ritsona on road from Vathi, Boeotea. Plants growing in margins of plantations and roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with Pistacia, Silybium, Hirschfeldia, Scolymus. **received as:** Aegilops ovata. Wild. Seed.
- PI 551106 **donor id:** JM-3795. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3795. **locality:** 3 km from Ritsona on road to Chalkida, Boeotea. Plants growing on margins of cereal fields and roadside. Clay loam soil with few stones. **remarks:** Plants growing with Pinus, Pistacia, Oryzopsis, Avena sterilis, Coridothymus. **received as:** Aegilops ovata. Wild. Seed.
- PI 551107 **donor id:** JM-3806. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3806. **locality:** 3 km from Loukissia on road to Mauriki, Boeotea. Plants growing in open spaces on hillsides and olive plantations. Loam soil with few stones and good drainage. **remarks:** Plants growing with Quercus, Pistacia, Olea, Avena sterilis. **received as:** Aegilops ovata. Wild. Seed.

PI 551083 to 551118-continued

- PI 551108 **donor id:** JM-3808. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3808. **locality:** 8 km from Loukissia on road to Mauriki, Boeotea. Plants growing in open spaces in maquis and garique on hillsides, heavily grazed. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with *Quercus*, *Pistacia*, and 2 other *Aegilops* species in intermixed populations. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551109 **donor id:** JM-3829. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3829. **locality:** 3.5 km from Solomos on Korinthos-Argos road, Korinthos. Plants growing on moderate slopes. Sandy loam soil with few stones and good drainage. **remarks:** Plants growing with 2 other *Aegilops* species in intermixed populations, *Pyrus*, *Pistacia*, *Olea*, *Oryzopsis*, *Avena sterilis*, *Hirschfeldia*, *Griola*, *Coridothymus*. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551110 **donor id:** JM-3830. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3830. **locality:** 1 km beyond Dervenakia on Korinthos-Argos road, Korinthos. Plants growing in neglected olive plantations, margins of maquis, and roadside. Sandy loam soil with medium stones and good drainage. **elevation:** 260m. **remarks:** Plants growing with *Olea*, *Pyrus*, *Sarcopoterium*, *Coridothymus*, *Picnomon*, *Avena sterilis*, *Cistus*, *Quercus*. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551111 **donor id:** JM-3857. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3857. **locality:** 2 km from Ligurio on road to Epidavros, Argolis. Plants growing in fallow fields. Terra rosa-like clay loam soil with medium stones and good drainage. **elevation:** 370m. **remarks:** Plants growing with other *Aegilops* species in intermixed populations, *Pyrus*, *Pistacia*, *Carthamus*, *Ballota*, *Asparagus*, *Quercus*, *Sarcopoterium*, *Eryngium*, *Hordeum bulbosum*. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 551112 **donor id:** JM-3862. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3862. **locality:** 2 km from junction to Dimena on Nauplio-Ligurio-Korinthos road, Argolis. Plants growing in fallow fields on slopes and roadside. Clay soil with few stones and good drainage. **remarks:** Plants growing with 3 other *Aegilops* species, *Eryngium*, *Pyrus*, *Centaurea*, *Verbascum*. **received as:** *Aegilops ovata*. Wild. Seed.

PI 551083 to 551118-continued

- PI 551113 donor id: JM-3868. origin: Greece. collected: July 24, 1984. collector id: JM-3868. locality: 23 km from Ligurio on road to Korinthos, Argolis. Plants grow in disturbed habitat on roadside. Loam soil covered with gravel. remarks: Plants growing with Sarcopoterium, Avena sterilis, Oryzopsis. received as: Aegilops ovata. Wild. Seed.
- PI 551114 donor id: JM-3875. origin: Greece. collected: July 24, 1984. collector id: JM-3875. locality: 5 km before Almiri on Ligurio-Korinthos road, Korinthos. Plants growing in margins and open spaces in pine grove on moderate slopes. Clay loam with medium stones and good drainage. remarks: Plants growing with 3 other Aegilops species in intermixed populations, Pinus, Pistacia, Cistus, Coridothymus, Pallenis. received as: Aegilops ovata. Wild. Seed.
- PI 551115 donor id: JM-3886. origin: Greece. collected: July 25, 1984. collector id: JM-3886. locality: 2 km from Pissia on road to Schinos, Korinthos. Plants grow in small plains and slopes of Mt. Gerania, margins of pine forest and batha. Loam soil with medium stones and good drainage. remarks: Plants growing with 2 other Aegilops species in intermixed populations, Pinus, Pyrus, Cistus, Sarcopoterium, Ditrichia. received as: Aegilops ovata. Wild. Seed.
- PI 551116 donor id: JM-3889. origin: Greece. collected: July 25, 1984. collector id: JM-3889. locality: 4 km from Pissia on road to Schinos on slopes of Mt. Gerania, Korinthos. Plants growing in meadow and batha on mountain slope, heavily grazed. Loam soil with numerous stones and good drainage. remarks: Plants growing with 2 other Aegilops species in intermixed populations, Pinus, Quercus, Pistacia, Sarcopoterium, annual and perennial herbs and grasses. received as: Aegilops ovata. Wild. Seed.
- PI 551117 donor id: JM-3899. origin: Greece. collected: July 25, 1984. collector id: JM-3899. locality: 0.5-1.0 km from Jreon (ancient site) on road to Loutraki, Korinthos. Plants growing in meadow surrounded by pines and garique. Sandy loam soil with medium stones. remarks: Plants growing with Olea, Cistus, Capparis, Pinus, Coridothymus, Phagnalon. received as: Aegilops ovata. Wild. Seed.

PI 551083 to 551118-continued

PI 551118 **donor id:** JM-3953. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3953. **locality:** 3 km from Lambena on road to Mavromati, Messini. Plants growing on hillside with batha, and roadside in disturbed habitat. Clay soil covered with gravel. **remarks:** Plants growing with 4 other Aegilops species in intermixed populations, Pistacia, Pyrus, Phlomis, Teucrium, Paliurus, Dactylis, Avena sterilis. **received as:** Aegilops ovata. Wild. Seed.

PI 551119 to 551150. Aegilops markgrafii (Greuter) Hammer var.
markgrafii POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

PI 551119 **donor id:** JM-3617. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3617. **locality:** 4 km from Skiti on road to Aghiokambos, Larissa. Plants growing in small plains in hilly region on margins of cultivated barley field. Loam soil with medium stones and good drainage. **elevation:** 140m. **remarks:** Plants growing with 5 other Aegilops species, segetal weeds. **received as:** Aegilops caudata. Wild. Seed.

PI 551120 **donor id:** JM-3631. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3631. **locality:** 6 km before Soteritsa on road from coast to Aghia, Larissa. Plants growing in neglected olive plantation. **elevation:** 90m. **remarks:** Plants growing with 4 other Aegilops species in intermixed populations. **received as:** Aegilops caudata. Wild. Seed.

PI 551121 **donor id:** JM-3645. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3645. **locality:** 2 km before Aghios Stephanos Monastery on road from Trikala Aghiatriada. Plants growing in open spaces and terraces between maquis. **elevation:** 450m. **remarks:** Plants growing with 2 other Aegilops species, Platanus, Quercus. **received as:** Aegilops caudata. Wild. Seed.

PI 551122 **donor id:** JM-3722. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3722. **locality:** 1 km before Kendia on Thessaloniki-Chalkidiki road, Thessaloniki. Plants growing on hills bordering cultivated cereal fields. Light brown loam soil with few stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with annual and perennial grasses and herbs, Eryngium, Marrubium. **received as:** Aegilops caudata. Wild. Seed.

PI 551119 to 551150-continued

- PI 551123 **donor id:** JM-3727. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3727. **locality:** 1 km before junction to Geoponika on Thessaloniki-Nea Moudania-Chalkidiki road, Chalkidiki. Plants growing on margins of maquis on hills and margins of cultivated fields. **elevation:** 70m. **remarks:** Plants growing with 3 other *Aegilops* species, *Quercus*, *Pistacia*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551124 **donor id:** JM-3735. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3735. **locality:** 2 km before Krini on St. Antonios-Petralona road, Chalkidiki. Plants growing on margins of maquis and garigue. Calcareous, light brown loam soil with few stones and good drainage. **elevation:** 220m. **remarks:** Plants growing with 4 other *Aegilops* species, *Haynaldia villosa*, *Quercus*, *Juniperus*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551125 **donor id:** JM-3777. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3777. **locality:** 3 km west of Rafina on Marathon-Athens road, Attica. Plants growing along roadside and in margins and spaces in maquis. Loam soil with medium stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with *Pinus*, annual and perennial grasses, *Avena sterilis*, *Lolium*, *Oryzopsis*, *Cistus*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551126 **donor id:** JM-3782. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3782. **locality:** 1 km from Pikermi on road to Athens, Attica. Plants growing in meadow on moderate slopes. Clay loam soil with medium stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with *Pinus*, *Pistacia*, annual and perennial grasses, *Avena sterilis*, *Cynadon*, *Daucus*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551127 **donor id:** JM-3791. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3791. **locality:** 2 km north of Schimatari on road to Chalkida, Boeotea. Plants growing on moderate slopes. Clay loam soil with few stones and good drainage. **elevation:** 200m. **remarks:** Plants growing with *Pinus*, *Pistacia*, *Cistus*, *Sinapsis*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551128 **donor id:** JM-3801. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3801. **locality:** 10 km from Drossia on road to Loukissia, Boeotea. Plants growing in margins and open spaces in fields, olive plantation, and batha. **remarks:** Plants growing with annual and perennial herbs and elements of batha, *Avena sterilis*, *Oryzopsis*, *Sarcopoterium*, *Coridothymus*, *Calycotone*, *Allium*. **received as:** *Aegilops caudata*. Wild. Seed.

PI 551119 to 551150-continued

- PI 551129 **donor id:** JM-3813. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3813. **locality:** 2 km from Mauriki on road to Loukissia, Boeotea. Plants growing in open spaces in batha and garique on hilly slopes. Loam soil with medium stones and good drainage. **remarks:** Plants growing with 3 other species of *Aegilops*, *Quercus*, *Pistacia*, *Sarcopoterium*, *Haynaldia villosa*, *Hordeum bulbosum*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551130 **donor id:** JM-3819. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3819. **locality:** 1 km from Ipatata to the northeast of Monastery of Sagmata (Mt. Messapio), Boeotea. Plants growing in batha on mountain slopes. Clay loam soil with few stones. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, *Coridothymus*, *Asphodelus*, *Marrubium*, *Haynaldia villosa*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551131 **donor id:** JM-3838. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3838. **locality:** Halfway on the mountain near Nauplio, Argolis. Plants growing in olive plantations. Loam soil with medium stones and good drainage. **remarks:** Plants growing with 3 other *Aegilops* species, *Olea*, annual and perennial grasses, *Micromeria*, *Avena sterilis*, *Haynaldia villosa*, *Hordeum murinum*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551132 **donor id:** JM-3848. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3848. **locality:** 8 km from junction to Tolo on Nauplio-Epidavros road, Argolis. Plants growing in open spaces in garique and batha on hillside and roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with 2 other *Aegilops* species, *Quercus*, *Pistacia*, *Coridothymus*, *Echium*, *Scolymus*, *Hypericum*. **received as:** *Aegilops caudata*. Wild. Seed.
- PI 551133 **donor id:** JM-3876. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3876. **locality:** 5 km before Almiri on Ligurio-Korinthos road, Korinthos. Plants growing in margins and open spaces in pine grove on moderate slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, *Pinus*, *Pistacia*, *Cistus*, *Coridothymus*, *Pallenis*. **received as:** *Aegilops caudata*. Wild. Seed.

PI 551119 to 551150-continued

- PI 551134 **donor id:** JM-3878. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3878. **locality:** North edge of Kechries on Loutro Elenis-Korinthos road, Korinthos. Plants growing on moderate slopes on hills near sea. Calcareous, gray-white loam soil with medium stones. **elevation:** 20m. **remarks:** Plants growing with 3 other Aegilops species, sometimes in intermixed populations, Pinus, Eryngium, Avena sterilis, Micromeria, Pallenis. **received as:** Aegilops caudata. Wild. Seed.
- PI 551135 **donor id:** JM-3892. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3892. **locality:** 5.5 km from Perachora on road to Vouliagmeni (Jreon), Korinthos. Plants growing on moderate slopes in small plains with batha. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with 2 other Aegilops species in intermixed populations, Olea, Pistacia, Coridothymus, Sarcopoterium, Micromeria. **received as:** Aegilops caudata. Wild. Seed.
- PI 551136 **donor id:** JM-3897. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3897. **locality:** 0.5-1.0 km from Jreon (ancient site) on road to Loutraki, Korinthos. Plants growing in meadow surrounded by pines and garique. Sandy loam soil with medium stones. **remarks:** Plants growing with Olea, Cistus, Capparis, Pinus, Coridothymus, Phagnalon. **received as:** Aegilops caudata. Wild. Seed.
- PI 551137 **donor id:** JM-3903. **origin:** Greece. **collected:** July 26, 1984. **collector id:** JM-3903. **locality:** 0.5 km before Soulinari on Vrachati-Nemea road, Korinthos. Plants growing on slopes of hills bordering cultivated plots and roadside. Calcareous, loam soil with medium stones and good drainage. **elevation:** 180m. **remarks:** Plants growing with Oryzopsis, Coridothymus, Pistacia, Cistus. **received as:** Aegilops caudata. Wild. Seed.
- PI 551138 **donor id:** JM-3907. **origin:** Greece. **collected:** July 28, 1984. **collector id:** JM-3907. **locality:** Near Sparti, between Acropolis and Roman Theatre, Lakonia. Plants growing in clay loam soil with few stones and good drainage. **elevation:** 200m. **remarks:** Plants growing with Olea, Eryngium, Scolymus, Oryzopsis, Asphodelus, Avena sterilis, Haynaldia villosa. **received as:** Aegilops caudata. Wild. Seed.

PI 551119 to 551150-continued

- PI 551139 **donor id:** JM-3910. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3910. **locality:** 0.5 km from Gythio, on hill above town, Lakonia. Plants growing on slopes in hilly region. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with Sarcopoterium, Coridothymus, Quercus, Picnomon, Cistus, Pistacia. **received as:** Aegilops caudata. Wild. Seed.
- PI 551140 **donor id:** JM-3926. **origin:** Greece. **collected:** July 31, 1984. **collector id:** JM-3926. **locality:** 1 km from junction to Kotronas, Lakonia. Plants growing in old terraces with scattered olives. Loam soil. **remarks:** Plants growing with Olea, Sarcopoterium, Calycotome, Coridothymus, Trifolium. **received as:** Aegilops caudata. Wild. Seed.
- PI 551141 **donor id:** JM-3939. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3939. **locality:** 4.5 km from Platsa on Areopolis-Kalamata road, Messini. Plants growing in disturbed roadside with gravel, margins of maquis, and olive plantations. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with Quercus, Pistacia, Coridothymus, Oryzopsis, Salvia, Asparagus, Olea. **received as:** Aegilops caudata. Wild. Seed.
- PI 551142 **donor id:** JM-3942. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3942. **locality:** 1.8 km from Kardamyli on road to Kalamata, Messini. Plants growing in olive plantations, on terraces at margins of maquis and batha. Light reddish brown clay loam soil with medium stones and good drainage. **remarks:** Plants growing with Olea, Sarcopoterium spinosum, Avena sterilis, Asphodelus, Pistacia, Coridothymus. **received as:** Aegilops caudata. Wild. Seed.
- PI 551143 **donor id:** JM-3949. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3949. **locality:** 0.5 km from Sotirianka on road to Kalamata, Messini. Plants growing on east facing slopes. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with 2 other Aegilops species in intermixed populations, Quercus, Pinus, Pistacia, Olea, Ficus, Pistacia, Sarcopoterium, Coridothymus, Dactylis, Avena sterilis, Cistus. **received as:** Aegilops caudata. Wild. Seed.

PI 551119 to 551150-continued

- PI 551144 **donor id:** JM-3957. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3957. **locality:** 3 km from Lambena on road to Mavromati, Messini. Plants growing on moderate slopes with batha and roadside, disturbed habitat covered with gravel. Clay soil with gravel covering. **remarks:** Plants growing with 4 other Aegilops species in intermixed populations, Pistacia, Pyrus, Phlomis, Teucrium, Plaiurus, Dactylis, Avena sterilis. **received as:** Aegilops caudata. Wild. Seed.
- PI 551145 **donor id:** JM-3961. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3961. **locality:** 3.5 km from Tsukalaika on Tripoli-Kalamata road, Messini. Plants growin in old terraces with neglected olives, extending to roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with Cercis, Pistacia, Phlomis, Smilax, Teucrium, Micromeria, Hyperrhinia, Dactylis. **received as:** Aegilops caudata. Wild. Seed.
- PI 551146 **donor id:** JM-3965. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3965. **locality:** 2 km from Tripi on Kalamata-Sparta road, Lakonia. Plants growing in margins and spaces in olive plantations. Loam soil with few stones and good drainage. **remarks:** Plants growing with Ditrichia, Carthamus, Centaurea, Rubus. **received as:** Aegilops caudata. Wild. Seed.
- PI 551147 **donor id:** JM-3969. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3969. **locality:** 1 km from Amykles east of Sparta-Gythio road, Lakonia. Plants growing in batha and roadside on moderate slopes. Sandy loam soil with few stones and good drainage. **remarks:** Plants growing with Coridothymus, Spartium, Carthamus, Pyrus, Hyparrhenia, Haynaldia villosa, Asphodelus, Hirschfeldia, Eryngium, Onopordon, Verbascum. **received as:** Aegilops caudata. Wild. Seed.
- PI 551148 **donor id:** JM-3974. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3974. **locality:** 0.8 km from Vafio on road to Vafio Tholos tomb (2.5 km from Amykles), Lakonia. Plants growing around and along gravel pathway, in margins and between trees in olive plantation. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with Olea, Eryngium, Scolymus, Hypericum, Hirschfeldia, Avena sterilis. **received as:** Aegilops caudata. Wild. Seed.

PI 551119 to 551150-continued

PI 551149 donor id: JM-3976. origin: Greece. collected: August 03, 1984. collector id: JM-3976. locality: 0.5 km before Xirokambi on road from Palaeopanagia, Lakonia. Plants growing in olive plantation on moderate slopes and small plains at foot of Mt. Taigetos. Clay loam soil with medium stones. elevation: 240m. remarks: Plants growing with Ballota, Eryngium, Carthamus, Scolymus, Haynaldia villosa, Avena sterilis, Trifolium. received as: Aegilops caudata. Wild. Seed.

PI 551150 donor id: JM-3978. origin: Greece. collected: August 03, 1984. collector id: JM-3978. locality: 2 km from Dafni on road to Gorani (slopes of Mt. Taigetos), Lakonia. Plants growing on batha and margins of maquis, extending to roadside. Sandy soil with medium stones and moderate drainage. remarks: Plants growing with Platanus, Acer, Cercis, Quercus, Spartium, Micromeria, Eryngium, Ditrichia, Scolymus, Carlina, Carthamus. received as: Aegilops caudata. Wild. Seed.

PI 551151 to 551177. Aegilops neglecta Req. ex Bertol. POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

PI 551151 donor id: JM-3613. origin: Greece. collected: July 05, 1984. collector id: JM-3613. locality: 2.5 km from Skiti on road to Aghiokambos, Larissa. Plants growing on slopes in open spaces in maquis and roadsides. Clay loam soil with medium stones and good drainage. elevation: 250m. remarks: Plants growing with several Aegilops species, Citrus sp., and Mentha. received as: Aegilops triaristata. Wild. Seed.

PI 551152 donor id: JM-3614. origin: Greece. collected: July 05, 1984. collector id: JM-3614. locality: 4 km from Skiti towards Aghiokambos, Larissa. Plants growing at margins of barley fields in small plains in hilly region. Gray loam soil with medium stones and good drainage. elevation: 140m. remarks: Plants growing with segetal weeds and 6 other species of Aegilops, some of them intermixed. received as: Aegilops triaristata. Wild. Seed.

PI 551153 donor id: JM-3622. origin: Greece. collected: July 05, 1984. collector id: JM-3622. locality: 2 km south of Aghiokambos, Larissa. Plants growing on southeast slopes facing the sea. Loam soil with few stones. elevation: 30m. received as: Aegilops triaristata. Wild. Seed.

PI 551151 to 551177-continued

- PI 551154 **donor id:** JM-3623. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3623. **locality:** 2 km south of Aghiokambos, Larissa. Plants growing in neglected olive plantation on undulating slope. Loam soil with medium stones. **elevation:** 30m. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations in wide spaces between olive trees. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551155 **donor id:** JM-3629. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3629. **locality:** 6 km before Soteritsa on road from coast to Aghia. Plants growing on hills in neglected olive plantation. Soil with medium stones. **elevation:** 90m. **remarks:** Plants growing with 4 other *Aegilops* species, some in intermixed populations, among olive trees. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551156 **donor id:** JM-3641. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3641. **locality:** Plants growing on a terrace on hillside facing south. Good drainage, few stones. **elevation:** 230m. **remarks:** Plants growing among annual grasses, Hemicryptophytes, *Quercus*, *Pyrus*. Mixed populations of *A. triuncialis* and *neglecta* with intermediate forms, putative sterile hybrids. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551157 **donor id:** JM-3644. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3644. **locality:** 2 km before Aghios Stephanos Monastery on road from Trikala Aghiatriada. Plants growing in terraces and in open spaces in hills. **elevation:** 450m. **remarks:** Plants growing with 2 other *Aegilops* species, *Platanus orientalis*, *Quercus cocifera*. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551158 **donor id:** JM-3646. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3646. **locality:** Near Achladea, 1.5 km before junction of road from Kalambaka to Grevena, Trikala. Plants growing on slopes. Clay soil with medium stones, good drainage. **elevation:** 360m. **remarks:** Plants growing with 3 other *Aegilops* species and other annual and perennial grasses in a forest of *Quercus* and *Paliurus*. **received as:** *Aegilops triaristata*. Wild. Seed.

PI 551151 to 551177-continued

- PI 551159 **donor id:** JM-3654. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3654. **locality:** 3 km beyond Aghio Theodori on road from Kalambaka to Grevena. Plants growing on hills along roadside and at margin of Quercus forest. Dark brown, shallow clay soil with few stones, good drainage. **elevation:** 750m. **remarks:** Plants growing intermixed with *Aegilops lorentii* and *A. triuncialis* and abundant *Triticum boeoticum*. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551160 **donor id:** JM-3659. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3659. **locality:** 5 km from Kipourio on road to Grevena. Plants growing on hills. Loam soil with few stones and good drainage. **elevation:** 560m. **remarks:** Plants growing with 3 other *Aegilops* species, *Triticum boeoticum*, other annual and perennial grasses, and some trees, e.g. *Quercus*. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551161 **donor id:** JM-3666. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3666. **locality:** 8 km from Kipourio on old road to Grevena. Plants growing by riverbank and margin of forest. **elevation:** 520m. **remarks:** Plants growing with 3 other *Aegilops* species, partially intermixed. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551162 **donor id:** JM-3669. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3669. **locality:** 7 km from Kipourio on old road to Grevena. Plants growing by riverbank and margin of forest. Loam soil with good drainage. **elevation:** 540m. **remarks:** Plants growing with 3 other *Aegilops* species, partially intermixed. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551163 **donor id:** JM-3672. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3672. **locality:** 2 km from Kipourio on road to Sitaras, Grevena. Plants growing on slopes and along roadside. Reddish brown basaltic clay loam soil with few stones, good drainage. **elevation:** 770m. **remarks:** Plants growing in mixed populations with 3 other *Aegilops* species, *Triticum boeoticum*, *Haynaldia villosa*, *Quercus*, *Juniperus*, and *Pyrus amygdaliformis*. **received as:** *Aegilops triaristata*. Wild. Seed.

PI 551151 to 551177-continued

- PI 551164 **donor id:** JM-3678. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3678. **locality:** 1.5 km before Sitaras on road from Kipurio, Grevena. Plants growing on moderate slopes among cultivated cereals. Clay loam soil with medium stones and good drainage. **elevation:** 750m. **remarks:** Plants growing with 3 other *Aegilops* species, *Triticum boeoticum*, *Haynaldia villosa*, and scattered oaks. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551165 **donor id:** JM-3685. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3685. **locality:** 2 km before Milia on road from Grevena to Kozani. Plants growing on slopes. Clay soil with few stones and good drainage. **elevation:** 670m. **remarks:** Plants growing with several *Aegilops* species, *Triticum boeoticum*, other annual and perennial grasses, scattered oak trees, and *Rubus*. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551166 **donor id:** JM-3696. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3696. **locality:** 1 km from Georgiani on road from Kozani to Veroia. Plants growing along roadside and margins of fields, heavily grazed, disturbed habitat. **elevation:** 470m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551167 **donor id:** JM-3699. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3699. **locality:** 7 km beyond Lifi on road from Thessaloniki to N. Santa. Plants growing in neglected plantation. Clay soil with few stones. **elevation:** 180m. **remarks:** Plants growing with *Quercus*, annual and perennial grasses. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551168 **donor id:** JM-3704. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3704. **locality:** 2 km beyond Kampani on road from Thessaloniki to Kilkis. Plants growing on slopes. Clay soil with medium stones. **elevation:** 80m. **remarks:** Plants growing with annual and perennial grasses and hemicryptophytes. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551169 **donor id:** JM-3709. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3709. **locality:** 1 km before Metalliko on road from Kilkis to Polykastro- Divrani. Plants growing on roadside. Sandy loam soil, rocky. **elevation:** 230m. **remarks:** A variable population with some forms somewhat resembling *biuncialis* and *columnaris*. **received as:** *Aegilops triaristata*. Wild. Seed.

PI 551151 to 551177-continued

- PI 551170 **donor id:** JM-3714. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3714. **locality:** 1 km before Koirani on road from Drosati, Kilkis. Plants growing along roadside bordering cereal fields. Sandy soil with few stones, good drainage. **elevation:** 130m. **remarks:** Growing among ruderal and segetal plants. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551171 **donor id:** JM-3740. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3740. **locality:** 2 km beyond Kallithea on road from Moudania to Palouri, Chalkidiki. Plants growing on margins of pine forest and roadside. Light brown loam soil with few stones and good drainage. **elevation:** 10m. **remarks:** Plants growing with *Quercus*, *Pyrus*, *Sartium*. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551172 **donor id:** JM-3744. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3744. **locality:** 1.5 km beyond Polygiros on road to Thessaloniki, Chalkidiki. Plants growing on slopes. Clay loam soil with few stones. **elevation:** 580m. **remarks:** Plants growing in maquis and batha habitat. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551173 **donor id:** JM-3748. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3748. **locality:** 4 km beyond Palaiokastron on road from Polygiros to Thessaloniki. Plants growing on slopes and margins of cereal and vegetable fields. Clay loam soil with few stones and good drainage. **elevation:** 500m. **remarks:** Plants growing with 3 other *Aegilops* species, *Pistacia*, *Quercus*, *Pyrus*, *Marrubium*. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 551174 **donor id:** JM-3752. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3752. **locality:** Vavdos Minas; 1 km beyond junction of Galatista-Thessaloniki road, Chalkidiki. Plants growing on slopes at margins of cereal fields. Clay soil with few stones. **elevation:** 220m. **remarks:** Plants growing with 2 other *Aegilops* species, other annual and perennial grasses, *Haynaldia villosa*, and *Echium* sp. **received as:** *Aegilops triaristata*. Wild. Seed.

PI 551151 to 551177-continued

PI 551175 **donor id:** JM-3764. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3764. **locality:** Near Dionissos, northern foothills of Mt. Penteli, Attica. Plants growing along roadside and in ruined maquis, scattered pines and shrubby relics of oaks, heavily grazed. **remarks:** Plants growing among annual and perennial grasses and herbs, Pinus, Quercus, and 4 other Aegilops species. **received as:** Aegilops triaristata. Wild. Seed.

PI 551176 **donor id:** JM-3786. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3786. **locality:** Near Krioneri, 1 km before junction of Athens-Thessaloniki road. Plants growing in fallow fields. Loam soil with few stones and good drainage. **remarks:** Plants growing with scattered shrubby Pyrus amygdaliformis, annual and perennial grasses and herbs, Avena sterilis, Hordeum bulbosum, Daucus carrota, Haynaldia villosa. **received as:** Aegilops triaristata. Wild. Seed.

PI 551177 **donor id:** JM-3982. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3982. **locality:** 1 km from Gorani on road to Dafni on slopes of Mt. Taigetos, Lakonia. Plants growing on slopes in mountainous region. Loam soil with medium stones and good drainage. **remarks:** Plants growing with Cercis, Hordeum bulbosum, Eryngium, Centaurea, Cistus, Olea, annual and perennial grasses and herbs. Aegilops neglecta is rare in the region, but abundant in this location. **received as:** Aegilops triaristata. Wild. Seed.

PI 551178 to 551250. Aegilops triuncialis L. POACEAE

Donated by: Mattatia, J., Agricultural Research Organization, Plant Introduction Dept., P.O. Box 6, Bet Dagan, Israel. Received November 30, 1984.

PI 551178 **donor id:** JM-3609. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3609. **locality:** 1 km before Gherakaria on Larissa-Aghia road, Larissa. Plants growing along roadside. Clay loam soil with few stones and moderate drainage. **elevation:** 80m. **remarks:** Plants growing with ruderal plants, Scolymus, Carthamus, Onopordum, Verbascum, and Aegilops biuncialis. Wild. Seed.

PI 551178 to 551250-continued

- PI 551179 **donor id:** JM-3611. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3611. **locality:** 2.5 km from Skiti on road to Aghiokambos, Larissa. Plants growing on slopes in hilly region in open spaces and roadsides. Clay loam soil with medium stones and good drainage. **elevation:** 250m. **remarks:** Plants growing with 3 other Aegilops species, Mentha, Cistus. Wild. Seed.
- PI 551180 **donor id:** JM-3616. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3616. **locality:** 4 km from Skiti on road to Aghiokambos, Larissa. Plants growing in small plains in a hilly region in margins of barley fields. Loam soil with medium stones and good drainage. **elevation:** 140m. **remarks:** Plants growing with 5 other Aegilops species, segetal weeds. Wild. Seed.
- PI 551181 **donor id:** JM-3621. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3621. **locality:** 2 km south of Aghiokambos, Larissa. Plants growing on northeast slopes facing sea. Sandy loam soil with few stones and good drainage. **elevation:** 30m. Wild. Seed.
- PI 551182 **donor id:** JM-3626. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3626. **locality:** 2 km south of Aghiokambos, Larissa. Plants growing in neglected olive plantations on slopes. Loam soil with medium stones. **elevation:** 30m. **remarks:** Plants growing with 3 other Aegilops species in intermixed populations. Wild. Seed.
- PI 551183 **donor id:** JM-3628. **origin:** Greece. **collected:** July 05, 1984. **collector id:** JM-3628. **locality:** 6 km before Soteritsa on road from coast to Attica, Larissa. Plants growing in neglected olive plantation with some elements of maquis. **elevation:** 90m. Wild. Seed.
- PI 551184 **donor id:** JM-3640. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3640. **locality:** 2 km before Kalambaka on road from Trikala. Plants growing on terrace on hillside, moderate slope facing south. Few stones and good drainage. **elevation:** 230m. **remarks:** Plants growing with Aegilops neglecta in intermixed populations with putative sterile hybrids, other annual grasses, hemicryptophytes, Eryngium, Quercus, Pyrus. Wild. Seed.
- PI 551185 **donor id:** JM-3643. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3643. **locality:** 2 km before Aghios Stephanos Monastery on road from Trikala. Plants growing in open spaces and terraces between maquis. **elevation:** 450m. **remarks:** Plants growing with 2 other Aegilops species, Platanus, Quercus. Wild. Seed.

PI 551178 to 551250-continued

- PI 551186 **donor id:** JM-3648. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3648. **locality:** 1.5 km before junction to Achladea on Kalambaka-Grevena road, Trikala. Plants growing on slopes. Clay soil with medium stones and good drainage. **elevation:** 360m. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, annual and perennial grasses, *Quercus*, *Paliurus*. Wild. Seed.
- PI 551187 **donor id:** JM-3651. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3651. **locality:** 2 km beyond junction to Trifilli on Kalambaka-Grevena road, Grevena. Plants growing on margins of oak forest on slopes. Clay loam soil with few stones and good drainage. **elevation:** 560m. **remarks:** Plants growing with *Triticum boeoticum*, *Haynaldia villosa*, *Rubus*. Wild. Seed.
- PI 551188 **donor id:** JM-3655. **origin:** Greece. **collected:** July 06, 1984. **collector id:** JM-3655. **locality:** 3 km beyond Aghio Theodori on Kalambaka-Grevena road, Grevena. Plants growing at margins of forest and roadside. Dark brown clay soil with few stones and good drainage. **elevation:** 750m. **remarks:** Plants growing with 2 other *Aegilops* species in intermixed populations, *Quercus*, *Triticum boeoticum*. Wild. Seed.
- PI 551189 **donor id:** JM-3660. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3660. **locality:** 5 km from Kipourio on road to Grevena. Plants growing on slopes in hilly region. Loam soil with few stones and good drainage. **elevation:** 560m. **remarks:** Plants growing with annual and perennial grasses, *Juniperus*, *Quercus*, *Pyrus*, *Triticum boeoticum*, and 3 other *Aegilops* species. Wild. Seed.
- PI 551190 **donor id:** JM-3664. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3664. **locality:** 7 km from grevena on road from Kipourio, Grevena. Plants growing on slopes in hilly region. Clay soil with few stones and good drainage. **elevation:** 630m. **remarks:** Plants growing with *Triticum boeoticum* and *Pyrus*. Wild. Seed.
- PI 551191 **donor id:** JM-3667. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3667. **locality:** 8 km from Kipourio on old road to Grevena. Plants growing at river bank and margin of forest. Loam soil with good drainage. **elevation:** 520m. **remarks:** Plants growing with 3 other *Aegilops* species, *Platanus*, *Scirpus*, *Rubus*, *Quercus*. Wild. Seed.

PI 551178 to 551250-continued

- PI 551192 **donor id:** JM-3670. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3670. **locality:** 7 km from Kipourio on old road to Grevena. Plants growing at riverbank and margins of forest. Loam soil with good drainage. **elevation:** 520m. **remarks:** Plants growing with 3 other *Aegilops* species, *Platanus*, *Scirpus*, *Rubus*, *Quercus*. Wild. Seed.
- PI 551193 **donor id:** JM-3674. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3674. **locality:** 2 km from Kipourio on road to Sitaras, Grevena. Plants growing in fallow fields and roadside. Reddish brown clay loam soil with few stones and good drainage. **elevation:** 770m. **remarks:** Plants growing with 3 other *Aegilops* species in intermixed populations, *Triticum boeoticum*, *Haynaldia villosa*, *Quercus*, *Juniperus*, *Pyrus*. Wild. Seed.
- PI 551194 **donor id:** JM-3679. **origin:** Greece. **collected:** July 07, 1984. **collector id:** JM-3679. **locality:** 1.5 km before Sitaras on road from Kipurio, Grevena. Plants growing between oaks on moderate slopes. Clay loam soil with medium stones and good drainage. **elevation:** 750m. **remarks:** Plants growing with 3 other species of *Aegilops*, *Triticum boeoticum*, *Haynaldia villosa*. Wild. Seed.
- PI 551195 **donor id:** JM-3690. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3690. **locality:** 2 km beyond junction to Siatista on road to Grevena and Kozani. Plants growing on margins of cultivated fields and grape plantations. **elevation:** 740m. **remarks:** Plants growing with ruderal and segetal species. Wild. Seed.
- PI 551196 **donor id:** JM-3692. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3692. **locality:** 0.5 km after junction to Avgi on Kozani-Veria road, Kozani. Plants growing on slopes in hilly region. Loam soil with medium stones. **elevation:** 810m. **remarks:** Plants growing with *Juniperus*, *Pyrus*, *Amygdaliformis*, annual and perennial grasses. Wild. Seed.
- PI 551197 **donor id:** JM-3695. **origin:** Greece. **collected:** July 08, 1984. **collector id:** JM-3695. **locality:** 1 km beyond Georgiani on Kozani-Veria road, Kozani. Plants growing on roadside and margins of field, heavily grazed, disturbed habitat. **elevation:** 470m. Wild. Seed.
- PI 551198 **donor id:** JM-3700. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3700. **locality:** 7 km beyond Lifi on Thessaloniki-N. Santa road, Thessalonika. Plants growing in neglected plantation. Clay soil with few stones. **elevation:** 180m. **remarks:** Plants growing with *Quercus*, annual and perennial grasses. Wild. Seed.

PI 551178 to 551250-continued

- PI 551199 **donor id:** JM-3705. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3705. **locality:** 2 km beyond Kampari on road from Thessaloniki to Kilkis, Kilkis. Plants growing on slopes in hilly region. Clay soil with medium stones. **elevation:** 80m. **remarks:** Plants growing with annual and perennial grasses, hemicryptophytes. Wild. Seed.
- PI 551200 **donor id:** JM-3710. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3710. **locality:** 1 km before Metalliko on Kilkis-Polykastro-Dorani road, Kilkis. Plants growing on roadside and margins of batha. Sandy loam soil with numerous stones. **elevation:** 230m. **remarks:** Plants growing with ruderal roadside plants. Wild. Seed.
- PI 551201 **donor id:** JM-3712. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3712. **locality:** 1 km beyond Amaranta on Kilkis-Mouries road, Kilkis. Plants growing at margins of cultivated cereal and tobacco fields. Sandy loam soil with few stones. **elevation:** 150m. Wild. Seed.
- PI 551202 **donor id:** JM-3715. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3715. **locality:** 1 km before Doirani on road from Drosato, Kilkis. Plants growing along roadside bordering cereal fields. Sandy soil with few stones. **elevation:** 130m. **remarks:** Plants growing with ruderal and segetal species. Wild. Seed.
- PI 551203 **donor id:** JM-3719. **origin:** Greece. **collected:** July 11, 1984. **collector id:** JM-3719. **locality:** 1 km before Metalliko on Herson-Kilkis road, Kilkis. Plants growing in batha in hilly region. Loam soil with medium stones and good drainage. **elevation:** 140m. **remarks:** Plants growing with grasses and hemicryptophytes, Eryngium. Wild. Seed.
- PI 551204 **donor id:** JM-3725. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3725. **locality:** 1 km before Kendia on Thessaloniki-Chalkidiki road, Thessaloniki. Plants growing on hills bordering cultivated cereal fields. Light brown loam soil with few stones and good drainage. **elevation:** 150m. **remarks:** Plants growing with Eryngium, Marrubium. Wild. Seed.

PI 551178 to 551250-continued

- PI 551205 **donor id:** JM-3730. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3730. **locality:** 1 km before junction to Geoponika on Thessaloniki-Nea Moudania-Chalkidiki road, Chalkidiki. Plants growing on margins of maquis on hills and margins of cultivated fields. **elevation:** 70m. **remarks:** Plants growing Quercus, Pistacia, 3 other Aegilops species. Wild. Seed.
- PI 551206 **donor id:** JM-3733. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3733. **locality:** 2 km before Krini on St. Antonios -Petralona road, Chalkidiki. Plants growing on margins of Maquis and garique. Calcareous, light brown, loam soil with few stones and good drainage. **elevation:** 220m. **remarks:** Plants growing with 4 other Aegilops species, Haynaldia villosa, Quercus, Juniperus. Wild. Seed.
- PI 551207 **donor id:** JM-3741. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3741. **locality:** 2 km beyond Kallithea on Moudania-Palouri road, Chalkidiki. Plants growing on margins of pine forest and roadside. Light brown loam soil with few stones and good drainage. **elevation:** 10m. **remarks:** Plants growing with Pinus, Pyrus, Quercus, Spartium. Wild. Seed.
- PI 551208 **donor id:** JM-3745. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3745. **locality:** 1.5 km beyond Polygiros on road Paliokastron-Thessaloniki road, Chalkidiki. Plants growing on margins of maquis and batha. Clay loam soil with few stones. **elevation:** 580m. Wild. Seed.
- PI 551209 **donor id:** JM-3750. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3750. **locality:** 4 km beyond Palaiokastron on Polygiros-Thessaloniki road, Chalkidiki. Plants growing on slopes and margins of cereal and vegetable fields. Clay loam soil with few stones and good drainage. **elevation:** 500m. **remarks:** Plants growing with 3 other Aegilops species in intermixed populations, Pistacia, Quercus, Pyrus, cichorium, Onopordon, Marrubium. Wild. Seed.
- PI 551210 **donor id:** JM-3754. **origin:** Greece. **collected:** July 12, 1984. **collector id:** JM-3754. **locality:** 1 km beyond junction to Vavdo Mines on Galatista- Thessaloniki road, Chalkidiki. Plants growing on margins of cultivated cereal fields. Clay soil with few stones. **elevation:** 220m. **remarks:** Plants growing with 2 other Aegilops species, Haynaldia villosa, annual and perennial grasses, Echium. Wild. Seed.

PI 551178 to 551250-continued

- PI 551211 **donor id:** JM-3758. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3758. **locality:** 1 km from Politia on road to Mt. Penteli, Attica. Plants growing in mountainous region. Sandy loam soil with numerous stones. Wild. Seed.
- PI 551212 **donor id:** JM-3763. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3763. **locality:** Near Dionissos, northern foothills of Mt. Penteli, Attica. Plants growing in ruined maquis, heavily grazed, and roadside. Loam soil with numerous stones. **remarks:** Plants growing with 4 other Aegilops species in intermixed populations, Pinus, Quercus, annual and perennial grasses and herbs. Wild. Seed.
- PI 551213 **donor id:** JM-3768. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3768. **locality:** Near Department of Forestry station, slopes of Mt. Penteli, Attica. Plants growing in batha and ruined maquis. Sandy loam soil with numerous stones. **elevation:** 900m. **remarks:** Plants growing with 2 other Aegilops species, Pinus, Sarcopoterium, Ceridothymus, Spartium, Cistus. Wild. Seed.
- PI 551214 **donor id:** JM-3772. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3772. **locality:** Near Panorama, northeast slopes of Mt. Penteli, Attica. Plants growing on rocky slopes and roadside. Sandy loam soil with good drainage. **remarks:** Plants growing with 3 other Aegilops species, Pinus, Phlomis, Cistus, Avena sterilis. Wild. Seed.
- PI 551215 **donor id:** JM-3778. **origin:** Greece. **collected:** July 16, 1984. **collector id:** JM-3778. **locality:** 3 km west of Rafina on Marathon-Athens road, Attica. Plants growing along roadside and margins andspaces in maquis. Loam soil with medium stones and good drainage. **elevation:** 100m. **remarks:** Plants growing with Pinus, annual and perennial grasses, Avena sterilis, Lolium, Oryzopsis, Cistus, and several Aegilops species. Wild. Seed.
- PI 551216 **donor id:** JM-3787. **origin:** Greece. **collected:** July 17, 1984. **collector id:** JM-3787. **locality:** 1 km before junction to Krioneri on Athen-Thessaloniki road, Attica. Plants growing in fallow fields. Loam soil with few stones and good drainage. **remarks:** Plants growing with Pyrus, annual and perennial grasses and herbs, Avena sterilis, Hordeum bulbosum, Daucus, Haynaldia villosa. Wild. Seed.

PI 551178 to 551250-continued

- PI 551217 donor id: JM-3796. origin: Greece. collected: July 17, 1984. collector id: JM-3796. locality: 3 km from Ritsona on road to Chalkida, Boeotea. Plants growing in margins of cultivated cereal fields and roadside. Clay loam soil with few stones. remarks: Plants growing with Pinus, Pistacia, Oryzopsis, Avena sterilis, Coridothymus. Wild. Seed.
- PI 551218 donor id: JM-3803. origin: Greece. collected: July 17, 1984. collector id: JM-3803. locality: 10 km from Drossia on road to Loukissia, Boeotea. Plants growing in margins and open spaces in fields and olive plantation and batha on moderate slopes. remarks: Plants growing with annual and perennial herbs and elements of batha, e.g. Avena sterilis, Oryzopsis, Sarcopoterium, Ceridophymus, Allium. Wild. Seed.
- PI 551219 donor id: JM-3805. origin: Greece. collected: July 17, 1984. collector id: JM-3805. locality: 3 km from Loukissia on road to Mauriki, Boeotea. Plants growing in open spaces on hilly slopes with maquis and garigue, and margins and spaces in olive plantations. Loam soil with few stones and good drainage. remarks: Plants growing with Quercus, Pistacia, Olea, Avena sterilis. Wild. Seed.
- PI 551220 donor id: JM-3810. origin: Greece. collected: July 17, 1984. collector id: JM-3810. locality: 2 km from Mauriki on road to Loukissia, Boeotea. Plants growing in open spaces in batha and garigue on hilly slopes. Loam soil with medium stones and good drainage. remarks: Plants growing with 3 other Aegilops species, Hordeum bulbosum, Haynaldia villosa, Sarcopoterium, Pistacia, Quercus. Wild. Seed.
- PI 551221 donor id: JM-3815. origin: Greece. collected: July 17, 1984. collector id: JM-3815. locality: 3 km from Mauriki on road to Main (National Road Athens- Lamia), Boeotea. Plants growing in margins of cultivated cereal fields and roadside. Loam soil with medium stones and good drainage. remarks: Plants growing with Silybium, Picnomon, Haynaldia villosa. Wild. Seed.
- PI 551222 donor id: JM-3818. origin: Greece. collected: July 17, 1984. collector id: JM-3818. locality: 1 km from Ipato, northeast of Monastery of Sagmata (Mt. Messapio), Boeotea. Plants growing in batha on mountain slopes. Clay loam soil with few stones. remarks: Plants growing with 3 other Aegilops species in intermixed populations, Coridothymus, Asphodelus, Marrubium, Haynaldia villosa. Wild. Seed.

PI 551178 to 551250-continued

- PI 551223 **donor id:** JM-3832. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3832. **locality:** 1 km beyond Dervenakia on Korinthos-Argos road, Korinthos. Plants growing in neglected olive plantations, margins of maquis, and roadside. Sandy loam soil with medium stones and good drainage. **elevation:** 260m. **remarks:** Plants growing with *Olea*, *Pyrus*, *Sarcopoterium*, *Cistus*, *Quercus*, *Avena sterilis*, *Picnomon*, *Coridothymus*. Wild. Seed.
- PI 551224 **donor id:** JM-3835. **origin:** Greece. **collected:** July 22, 1984. **collector id:** JM-3835. **locality:** 1 km south of Ancient Mikines, Argolis. Plants growing in terraces on hillside and roadside. Loam soil with medium stones and good drainage. **elevation:** 110m. **remarks:** Plants growing with *Olea*, *Phlomis*, *Avena sterilis*, *Coridothymus*, *Oryzopsis*, *Nerium*. Wild. Seed.
- PI 551225 **donor id:** JM-3840. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3840. **locality:** Halfway on the mountain near Nauplio, Argolis. Plants growing on slopes in olive plantation. Loam soil with medium stones and good drainage. **remarks:** Plants growing with 3 other *Aegilops* species, *Olea*, annual and perennial grasses, *Micromeria*, *Avena sterilis*, *Haynaldia villosa*, *Hordeum murinum*. Wild. Seed.
- PI 551226 **donor id:** JM-3842. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3842. **locality:** Near castle on mountain near Nauplio, Argolis. Plants growing on slopes. Rocky, loam soil with good drainage. **remarks:** Plants growing with *Phlomis*, *Micromeria*, *Avena sterilis*, *Haynaldia villosa*, *Phagnalon*. Wild. Seed.
- PI 551227 **donor id:** JM-3849. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3849. **locality:** 8 km from junction to Tolo on Nauplio-Epidavros road, Argolis. Plants growing in open spaces in garique and batha on hillside and roadside. Loam soil with medium stones and good drainage. **remarks:** Plants growing with *Quercus*, *Pistacia*, *Coridothymus*, *Echium*, *Scolymus*, *Hypericum*. Wild. Seed.
- PI 551228 **donor id:** JM-3852. **origin:** Greece. **collected:** July 23, 1984. **collector id:** JM-3852. **locality:** 4 km from Giannoudaika on Nauplio-Epidavros road, Argolis. Plants growing on moderate slopes on margins of fields and open areas. Loam soil with medium stones. Wild. Seed.

PI 551178 to 551250-continued

- PI 551229 **donor id:** JM-3855. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3855. **locality:** 2 km from Ligurio on road to Epidavros, Argolis. Plants growing in fallow fields. Terra rosa-like clay loam soil with medium stones and good drainage. **elevation:** 370m. **remarks:** Plants growing with Pyrus, Pistacia, Carthamus, Ballota, Asparagus, Quercus, Sarcopoterium, Eryngium, Hordeum bulbosum. Wild. Seed.
- PI 551230 **donor id:** JM-3863. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3863. **locality:** 2 km from junction to Dimena on Nauplio-Ligurio-Korinthos road, Argolis. Plants growing in fallow fields on hillside and roadside. Clay soil with few stones and good drainage. **remarks:** Plants growing with 3 other Aegilops species, Eryngium, Pyrus, Centaurea, Verbascum. Wild. Seed.
- PI 551231 **donor id:** JM-3867. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3867. **locality:** 23 km from Ligurio on road to Korinthos, Argolis. Plants growing on moderate slopes in disturbed roadside habitat. Rocky, loam soil with good drainage. **remarks:** Plants growing with Sarcopoterium, Avena sterilis, Oryzopsis. Wild. Seed.
- PI 551232 **donor id:** JM-3870. **origin:** Greece. **collected:** July 24, 1984. **collector id:** JM-3870. **locality:** 1.5 km before junction to Sofiko on Ligurio-Korinthos road, Korinthos. Plants growing in margins and open spaces in pine groves and olive plantations. Terra rosa-like clay loam soil with medium stones and good drainage. **elevation:** 430m. **remarks:** Plants growing with Pinus, Olea, Cistus, Pistacia, Avena sterilis. Wild. Seed.
- PI 551233 **donor id:** JM-3880. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3880. **locality:** North edge of Kechries on Loutro Elenis-Korinthos road, Korinthos. Plants growing on hills near sea in open spaces between pines. Calcareous, gray-white loam soil with medium stones. **elevation:** 20m. **remarks:** Plants growing with Pinus, Eryngium, Avena sterilis, Micromeria, Pallenis. Wild. Seed.
- PI 551234 **donor id:** JM-3882. **origin:** Greece. **collected:** July 25, 1984. **collector id:** JM-3882. **locality:** 5.5 km from Loutraki on road to Perachora, Korinthos. Plants growing in margins of maquis on slopes facing the sea and disturbed roadside. Sandy soil with numerous stones. **remarks:** Plants growing with Olea, Carthamus, Pistacia, Picnomon, Phillyrea, Ditrichia. Wild. Seed.

PI 551178 to 551250-continued

- PI 551235 donor id: JM-3885. origin: Greece. collected: July 25, 1984. collector id: JM-3885. locality: 1 km before Pissia on road from Perachora, Korinthos. Plants growing on moderate slopes on roadside and mixed almond and olive plantation around Mt. Gerania. Loam soil with medium stones and good drainage. remarks: Plants growing with *Aegilops biuncialis*, *Quercus*, *Micromeria*, *Clematis*, *Asparagus*, *Hypericum*, *Avena sterilis*, *Cistus*. Wild. Seed.
- PI 551236 donor id: JM-3887. origin: Greece. collected: July 25, 1984. collector id: JM-3887. locality: 2 km from Pissia on road to Schinos, Korinthos. Plants growing in small plains and slopes of Mt. Gerania. Loam soil with medium stones and good drainage. remarks: Plants growing with 2 other *Aegilops* species in intermixed populations, *Pinus*, *Pyrus*, *Cistus*, *Sarcopoterium*, *Ditrichia*. Wild. Seed.
- PI 551237 donor id: JM-3891. origin: Greece. collected: July 25, 1984. collector id: JM-3891. locality: 4 km from Pissia on road to Schinos on slopes of Mt. Gerania, Korinthos. Plants growing in meadow and batha on mountain slope, heavily grazed. Rocky, loam soil with good drainage. remarks: Plants growing with *Pinus*, *Quercus*, *Pistacia*, *Sarcopoterium*, annual and perennial grasses and herbs. Wild. Seed.
- PI 551238 donor id: JM-3896. origin: Greece. collected: July 25, 1984. collector id: JM-3896. locality: 0.5-1.0 km from Jreon (ancient site) on road to Loutraki, Korinthos. Plants growing in meadow surrounded by pines and garique. Sandy loam soil with medium stones. Wild. Seed.
- PI 551239 donor id: JM-3902. origin: Greece. collected: July 26, 1984. collector id: JM-3902. locality: 0.5 km before Soulinari on Vrachati-Nemea road, Korinthos. Plants growing on slopes of hills bordering cultivated plots and roadside. Calcareous, loam soil with medium stones and good drainage. elevation: 180m. remarks: Plants growing with *Oryzopsis*, *Coridothymus*, *Pistacia*, *Cistus*. Wild. Seed.
- PI 551240 donor id: JM-3904. origin: Greece. collected: July 27, 1984. collector id: JM-3904. locality: 1 km from Mistras near top of Mistras Mt., Lakonia. Plants growing on slopes. Loam soil with medium stones and good drainage. elevation: 200m. remarks: Plants growing with *Pistacia*, *Eryngium*, *Euphorbia*, *Hordeum bulbosum*, *Ballota*, *Phlomis*, *Hypericum*, *Scolymus*. Wild. Seed.

PI 551178 to 551250-continued

- PI 551241 **donor id:** JM-3913. **origin:** Greece. **collected:** July 30, 1984. **collector id:** JM-3913. **locality:** 5.5 km from Hassiari on Gythio-Areopolis road, Lakonia. Plants growing on slopes in hilly region. Loam soil with medium stones and good drainage. **remarks:** Plants growing with *Ditrichia*, *Picnomon*, *Oryzopsis*, *Daucus*, *Centaurea*, *Haynaldia villosa*. Wild. Seed.
- PI 551242 **donor id:** JM-3941. **origin:** Greece. **collected:** August 01, 1984. **collector id:** JM-3941. **locality:** 4.5 km from Platsa on Areopolis-Kalamata road, Messini. Plants growing in disturbed roadside with gravel, margins of maquis, and olive plantations. Clay loam soil with few stones and good drainage. **remarks:** Plants growing with *Quercus*, *Pistacia*, *Coridothymus*, *Oryzopsis*, *Salvia*, *Asparagus*, *Olea*. Wild. Seed.
- PI 551243 **donor id:** JM-3956. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3956. **locality:** 3 km from Lambena on road to Mavromati, Messini. Plants growing on moderate slopes with batha and disturbed roadside habitat. Rocky, clay soil with good drainage. **remarks:** Plants growing with 4 other *Aegilops* species in intermixed populations, *Pistacia*, *Pyrus*, *Phlomis*, *Teucrium*, *Paliurus*, *Dactylis*, *Avena sterilis*. Wild. Seed.
- PI 551244 **donor id:** JM-3958. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3958. **locality:** 1 km from junction to Zerpisia on Mavromati-Pestralina road, Messini. Plants growing on roadside with gravel. **remarks:** Plants growing with *Ditrichia*, *Calycotome*, *Cistus*, *Oryzopsis*, *Avena sterilis*. Wild. Seed.
- PI 551245 **donor id:** JM-3960. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3960. **locality:** 3.5 km from Tsukalaika on Tripoli-Kalamata road, Messini. Plants growing mostly along roadside. Loam soil with medium stones. **remarks:** Plants growing with *Cercis*, *Pistacia*, *Phlomis*, *Smilax*, *Teucrium*, *Micromeria*, *Hyperrhinia*, *Dactylis*. Wild. Seed.
- PI 551246 **donor id:** JM-3963. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3963. **locality:** 9 km before Artemisia (0.5 km beyond bridge on river gorge) on Kalamata-Sparti road, Messini. Plants growing on slopes in mountainous region. Loam soil with medium stones and good drainage. Wild. Seed.

PI 551178 to 551250-continued

- PI 551247 **donor id:** JM-3967. **origin:** Greece. **collected:** August 02, 1984. **collector id:** JM-3967. **locality:** 2 km from Tripi on Kalamata-Sparta road, Lakonia. Plants growing in margins and spaces in olive plantation. Loam soil with few stones and good drainage. **remarks:** Plants growing with *Ditrichia*, *Carthamus*, *Centaurea*, *Rubus*. Wild. Seed.
- PI 551248 **donor id:** JM-3975. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3975. **locality:** 0.8 km from Vafio on road to Vafio Tholos tomb (2.5 km from Amykles), Lakonia. Plants growing around and along gravel pathway and margins and spaces in olive plantations. Clay loam soil with medium stones and good drainage. **remarks:** Plants growing with *Olea*, *Eryngium*, *Scolymus*, *Hypericum*, *Hirschfeldia*, *Avena sterilis*. Wild. Seed.
- PI 551249 **donor id:** JM-3979. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3979. **locality:** 2 km from Dafni on road to Gorani on slopes of Mt. Taigetos, Lakonia. Plants growing in batha and margins of maquis, extending to roadside. Sandy soil with medium stones and moderate drainage. **remarks:** Plants growing with *Platanus*, *Acer*, *Cercis*, *Quercus*, *Spartium*, *Micromeria*, *Eryngium*, *Ditrichia*, *Scolymus*, *Carlina*, *Carthamus*. Wild. Seed.
- PI 551250 **donor id:** JM-3981. **origin:** Greece. **collected:** August 03, 1984. **collector id:** JM-3981. **locality:** Edge of Gorani on slopes of Mt. Taigetos, Lakonia. Plants growing in sandy and gravelly roadside. **elevation:** 700m. **remarks:** Plants growing with *Acer*, *Calycotome*, *Ditrichia*, *Hyperrhena*, *Cistus*, *Centaurea*, *Scolymus*. Wild. Seed.

PI 551251. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Gupton, C.L., USDA-ARS & Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Route 5, Greenville, Tennessee, United States. Received 1973.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Route 5, Greenville, Tennessee 37743. **cultivar:** BURLEY 64. **pedigree:** 62-231-25H/62-486-25H. **other id:** TC 11. **other id:** CV-60. **source:** Crop Sci. 14(4):607 1974. **group:** CSR-TOBACCO. **remarks:** Burley tobacco. Resistance to black root rot, tobacco mosaic virus, *Fusarium* wilt, and black shank. Annual. Cultivar. Seed.

PI 551252 to 551276. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Neas, M.O., Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee, United States. Received 1960.

- PI 551252 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 2. **other id:** TC 15. **remarks:** Burley tobacco. Advanced breeding line. Annual. Breeding Material. Seed.
- PI 551253 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 5. **other id:** TC 16. **remarks:** Burley tobacco. Advanced breeding line. Annual. Breeding Material. Seed.
- PI 551254 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 6. **other id:** TC 17. **remarks:** Burley tobacco. Advanced breeding line. Annual. Breeding Material. Seed.
- PI 551255 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 9. **other id:** TC 18. **remarks:** Burley tobacco. Advanced breeding line. Annual. Breeding Material. Seed.
- PI 551256 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 10. **other id:** TC 19. **remarks:** Burley tobacco. Advanced breeding line. Annual. Breeding Material. Seed.
- PI 551257 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 10A. **other id:** TC 20. **remarks:** Burley tobacco. Advanced breeding line. Annual. Breeding Material. Seed.
- PI 551258 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 13. **other id:** TC 21. **remarks:** Burley tobacco. Advanced breeding line. Annual. Breeding Material. Seed.

PI 551252 to 551276-continued

- PI 551259 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 14. **other id:** TC 22. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551260 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 17. **other id:** TC 23. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551261 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 17B. **other id:** TC 24. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551262 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 18. **other id:** TC 25. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551263 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 19. **other id:** TC 26. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551264 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 24. **other id:** TC 27. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551265 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 36. **other id:** TC 28. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.

PI 551252 to 551276-continued

- PI 551266 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 38. **pedigree:** GR 25/GR 42. **other id:** TC
29. **remarks:** Burley tobacco. Advanced breeding line.
Resistant to fusarium wilt and blackshank. Annual.
Breeding Material. Seed.
- PI 551267 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 38A. **other id:** TC 30. **remarks:** Burley
tobacco. Advanced breeding line. Resistant to Fusarium
wilt. Annual. Breeding Material. Seed.
- PI 551268 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 40. **other id:** TC 31. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551269 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 42. **other id:** TC 32. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551270 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 42C. **other id:** TC 33. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551271 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 43. **other id:** TC 34. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551272 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 44. **other id:** TC 35. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.

PI 551252 to 551276-continued

- PI 551273 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 45. **other id:** TC 36. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551274 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 46. **other id:** TC 37. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551275 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 48. **other id:** TC 38. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.
- PI 551276 **origin:** United States. **historical origin:** United States.
origin institute: Tennessee AES, Univ. of Tennessee
Tobacco Exp. Stn., Greenville, Tennessee 37743.
cultivar: GR 53. **other id:** TC 39. **remarks:** Burley
tobacco. Advanced breeding line. Annual. Breeding
Material. Seed.

PI 551277. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Gupton, C.L., USDA-ARS, Tennessee AES, Univ. of
Tennessee Tobacco Exp. Stn., Rt. 5, Box 113, Greenville, Tennessee,
United States. Received 1979.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS, Tennessee AES, Univ. of
Tennessee Tobacco Exp. Stn., Rt. 5, Box 113, Greenville,
Tennessee 37743. **cultivar:** GREENEVILLE 107. **pedigree:**
TI 1406 (Virgin A. Mutant)/Burley 49//4*Burley 49. **other
id:** TC 41. **other id:** GP-17. **source:** Crop Sci. 20:116
1980. **group:** CSR-TOBACCO. **remarks:** Burley tobacco.
Resistant to PVY, TVMV, TEV, black root rot tobacco
mosaic wildfire, and black shank. Distinguished by green
cast and characteristically wrinkled leaves. Relatively
short stalks with very upright leaves. Annual. Breeding
Material. Seed.

PI 551278. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Kentucky AES, Univ. of Kentucky, Lexington, Kentucky, United States. Received 1929.

origin: United States. **historical origin:** United States.
origin institute: Kentucky AES, Univ. of Kentucky, Lexington, Kentucky 40506. **cultivar:** KY 5. **other id:** TC 53. **remarks:** Burley tobacco. Resistant to black root rot. Annual. Cultivar. Seed.

PI 551279. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Collins, G.B., Kentucky AES & USDA-ARS, Department of Agronomy, University of Kentucky, Lexington, Kentucky, United States. Received 1977.

origin: United States. **historical origin:** United States.
origin institute: Kentucky AES & USDA-ARS, Department of Agronomy, University of Kentucky, Lexington, Kentucky 40506. **cultivar:** KY 15. **pedigree:** KY 14/Burley 49//KY 14/3/Burley 21/4/KY 10. **other id:** TC 58. **other id:** CV-82. **source:** Crop Sci. 18(4):694 1978. **group:** CSR-TOBACCO. **remarks:** Burley tobacco. Multiple disease resistance with excellent yield potential. Highly resistant to tobacco mosaic virus, wild-fire, and black root rot. Medium to high resistance to *Fusarium* wilt and tolerance to TEV. Annual. Cultivar. Seed.

PI 551280. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Collins, G.B., Kentucky AES and USDA-ARS, Univ. of Kentucky, Department of Agronomy, Lexington, Kentucky, United States. Received 1970.

origin: United States. **historical origin:** United States.
origin institute: Kentucky AES and USDA-ARS, Univ. of Kentucky, Department of Agronomy, Lexington, Kentucky 40506. **cultivar:** L8. **pedigree:** *N. tabacum* x *N. longiflora*//KY 16/3/KY 56. **other id:** TC 79. **other id:** GP-12. **source:** Crop Sci. 11:606 (1971). **group:** CSR-TOBACCO. **remarks:** Burley tobacco. Genetically stable breeding line with resistance to the common or race 0 form of black shank, and tobacco mosaic virus. Moderate resistance to black root rot. Exhibits undesirable leaf spot reaction. Annual. Breeding Material. Seed.

PI 551281. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Ogden, William B., Wisconsin AES & USDA-ARS, Crops Research Division, Madison, Wisconsin, United States. Received 1966.

origin: United States. **historical origin:** United States.
origin institute: Wisconsin AES & USDA-ARS, Crops Research Division, Madison, Wisconsin 53706. **cultivar:** HAVANA 503. **pedigree:** Havana 501/Burley 21. **other id:** TC 99. **other id:** CV-35. **source:** Crop Sci. 8(1):131 1968. **group:** CSR-TOBACCO. **remarks:** Cigar-binder tobacco. Homozygous resistance to wildfire and TMV, and a high degree of resistance to black root rot. Produces smaller and fewer suckers than other varieties. Annual. Cultivar. Seed.

PI 551282. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Rayendorf, Miamisburg, Ohio, United States. Received .

origin: Germany. **cultivar:** LITTLE DUTCH (OHIO).
pedigree: Farmer selection introduced in Miamisburg, Ohio from Germany. **other id:** TC 114. **remarks:** Cigar-filler tobacco. Leaf narrow, grows small, and short. Makes a cigar with a sweet aroma resembling the Yara tobacco grown in eastern Cuba. Requires careful curing and fermentation. Released prior to 1883. Annual. Cultivar. Seed.

PI 551283. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Henderson, R.G., Virginia Polytech Institute, Dept. of Plant Pathology and Physiology, Blacksburg, Virginia, United States. Received 1968.

origin: United States. **historical origin:** United States.
origin institute: Virginia Polytech Institute, Dept. of Plant Pathology and Physiology, Blacksburg, Virginia 24061. **cultivar:** VIRGINIA 310. **pedigree:** Vesta 55, West Kentucky 2, Virginia 312, Hastings. **other id:** TC 487. **other id:** CV-41. **source:** Crop Sci. 10:211 (1970). **group:** CSR-TOBACCO. **remarks:** Fired-cured tobacco. Moderate resistance to black shank. Low resistance to black root rot. Cured leaf is reddish brown. Leaves are large and tend to fold upward from midrib. Upper leaves have crinkled appearance. Annual. Cultivar. Seed.

PI 551284. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Received .

PI 551284-continued

origin: UNKNOWN. **cultivar:** ZIMMER SPANISH. **pedigree:** Probably native Seedleaf/Cuban variety. **other id:** TC 136. **remarks:** Cigar filler tobacco. Leaves are medium in size, have good body and elasticity, with small veins, and they resemble the Cuban variety. Leaves are set close together, 14-20 leaves, height of about 4 feet. Released prior to 1905. Annual. Cultivar. Seed.

PI 551285 to 551286. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Menser, H.A., USDA-ARS, Tobacco Laboratory, Beltsville, Maryland, United States. Received 1975.

PI 551285 **origin:** United States. **historical origin:** United States. **origin institute:** USDA-ARS, Tobacco Laboratory, Beltsville, Maryland 20705. **cultivar:** BEL-W3. **pedigree:** Selection from CCC-W3. **other id:** TC 168. **other id:** GP-14. **source:** Crop Sci. 16:606 (1976). **group:** CSR-TOBACCO. **remarks:** Cigar-wrapper tobacco germplasm. A leaf spotting sensitive indicator of air polluting ozone. Very susceptible to weather fleck. Annual. Breeding Material. Seed.

PI 551286 **origin:** United States. **historical origin:** United States. **origin institute:** USDA-ARS, Tobacco Laboratory, Beltsville, Maryland 20705. **cultivar:** SU. **pedigree:** Mutant from John Williams Broadleaf. **other id:** TC 189. **other id:** GP-15. **source:** Crop Sci. 16(4):606 1976. **group:** CSR-TOBACCO. **remarks:** Cigar-wrapper tobacco germplasm. An aurea tobacco mutant of the Connecticut Cigar cultivar 'John Williams Broadleaf'. Annual. Breeding Material. Seed.

PI 551287. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Anderson, P.J., Conn. AES & Conn. Valley Shade growers, Tobacco Substation at Windsor, New Haven, Connecticut, United States. Received 1944.

origin: United States. **historical origin:** United States. **origin institute:** Conn. AES & Conn. Valley Shade growers, Tobacco Substation at Windsor, New Haven, Connecticut. **cultivar:** CONNECTICUT 15. **other id:** TC 183. **remarks:** Cigar-wrapper tobacco. High resistance to black root rot. Taller than ordinary with 20-25 leaves. Later maturing. Veins less prominent. Annual. Cultivar. Seed.

PI 551288. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Anderson, P.J., Connecticut AES, New Haven, Connecticut, United States. Received 1952.

origin: United States. **historical origin:** United States.
origin institute: Connecticut AES, New Haven, Connecticut. **cultivar:** CONNECTICUT 49. **pedigree:** AST/Connecticut G4. **other id:** TC 184. **remarks:** Cigar-filler tobacco. Shade tobacco with a grading performance similar to Connecticut 15 but with leaves of greater elasticity, finer veins, and improved smoking taste. Annual. Cultivar. Seed.

PI 551289. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: UNKNOWN, United States. Received .

origin: United States. **cultivar:** LITTLE YELLOW.
pedigree: Farmer selection. **other id:** TC 222. **remarks:** Dark air-cured tobacco. Developed prior to 1900. Annual. Cultivar. Seed.

PI 551290. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: UNKNOWN, United States. Received .

origin: United States. **cultivar:** ONE SUCKER. **pedigree:** Farmer selection. **other id:** TC 224. **remarks:** Dark air-cured tobacco. Developed prior to 1900. Annual. Cultivar. Seed.

PI 551291. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Coker's Pedigreed Seed Company, Hartsville, South Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Coker's Pedigreed Seed Company, Hartsville, South Carolina 29550. **cultivar:** COKER 111. **other id:** TC 257. **remarks:** Flue-cured tobacco. Annual. Cultivar. Seed.

PI 551292. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Coker's Pedigreed Seed Company, Hartsville, South Carolina, United States. Received 1954.

PI 551292-continued

origin: United States. **historical origin:** United States.
origin institute: Coker's Pedigreed Seed Company,
Hartsville, South Carolina 29550. **cultivar:** COKER 140.
pedigree: Golden Cure/Oxford 1-181//Golden Wilt/Dixie
Bright 101. **other id:** TC 260. **other id:** CV-61. **source:**
Crop Sci. 15(1):101 (1975). **group:** CSR-TOBACCO.
remarks: Flue-cured tobacco. Highly resistant to black
shank and bacterial wilt. Moderately resistant to
Fusarium wilt. Annual. Cultivar. Seed.

PI 551293. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Coker's Pedigreed Seed Company, Hartsville, South
Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Coker's Pedigreed Seed Company,
Hartsville, South Carolina 29550. **cultivar:** COKER 156.
other id: TC 261. **remarks:** Flue-cured tobacco. Annual.
Cultivar. Seed.

PI 551294. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Coker's Pedigreed Seed Company, Hartsville, South
Carolina, United States. Received 1981.

origin: United States. **historical origin:** United States.
origin institute: Coker's Pedigreed Seed Company,
Hartsville, South Carolina 29550. **cultivar:** COKER 176.
pedigree: Coker 258//61-10/Coker 319/3/Coker 258/4/Coker
139/59-84-2F /5/Coker 258//61-10/Coker 319/3/Coker
258/4/Coker 139/ 59-84-2F Dwarf. **other id:** PVP 8300056.
source: Certificate in force. **group:** PVPO. **remarks:**
Flue-cured tobacco. Moderate resistance to black shank
and Granville wilt. Resistance to Fusarium wilt, TMV,
and races 1 and 3 of the southern root-knot nematode.
Annual. Cultivar. Seed.

PI 551295. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Coker's Pedigreed Seed Company, Hartsville, South
Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Coker's Pedigreed Seed Company,
Hartsville, South Carolina 29550. **cultivar:** COKER
187-GOLDEN WILT. **pedigree:** Coker 187/Golden Wilt. **other
id:** TC 264. **remarks:** Flue-cured tobacco. Annual.
Cultivar. Seed.

PI 551296. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Coker's Pedigreed Seed Company, Hartsville, South Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Coker's Pedigreed Seed Company,
Hartsville, South Carolina 29550. **cultivar:** COKER 209.
other id: TC 267. **remarks:** Flue-cured tobacco. Annual.
Cultivar. Seed.

PI 551297. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Coker's Pedigreed Seed Company, Hartsville, South Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Coker's Pedigreed Seed Company,
Hartsville, South Carolina 29550. **cultivar:** COKER 282.
other id: TC 271. **remarks:** Flue-cured tobacco. Annual.
Cultivar. Seed.

PI 551298. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: O., Bronius, Experimental Farm & Canada Dept. of Agr., Delhi, Ontario, Canada. Received 1966.

origin: United States. **historical origin:** Canada.
origin institute: Canada Department of Agriculture,
Research Station, Delhi, Ontario. **cultivar:** DELCREST 66.
pedigree: Delcrest. **other id:** TC 284. **remarks:**
Flue-cured tobacco. Tolerant to weather fleck.
Moderately tolerant to black root rot. Contribution No.
32. Lic. No. 1033. Annual. Cultivar. Seed.

PI 551299. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: White, Frank H., Canada Department of Agriculture, Research Station, Delhi, Ontario, Canada. Received 1968.

origin: Canada. **historical origin:** Canada. **origin institute:** Canada Department of Agriculture, Research Station, Delhi, Ontario. **cultivar:** DELHI 34. **pedigree:** Hicks Broadleaf/Virginia 21. **other id:** TC 285. **remarks:** Flue-cured tobacco. Tall growing with more leaves and less suckers than most licensed varieties. Contribution No. 45. Lic. No. 1133. Annual. Cultivar. Seed.

PI 551300. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Moore, E.L., USDA-ARS & North Carolina AES, Oxford Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina, United States. Received 1956.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & North Carolina AES, Oxford Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina 27536. **cultivar:** DIXIE BRIGHT 244. **pedigree:** Bottom Special/Dixie Bright 102/Dixie Bright 101. **other id:** TC 292. **remarks:** Flue-cured tobacco. Grows with a yellow cast. High resistance to Granville wilt and Fusarium wilt. Moderate resistance to black shank. Moderate tolerance to nematodes. Low tolerance to leaf spot. Annual. Cultivar. Seed.

PI 551301. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Miles, J.D., USDA-ARS, Georgia AES, N.C. ARS, Tifton, Georgia, United States. Received 1980.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS, Georgia AES, N.C. ARS, Tifton, Georgia 31791. **cultivar:** I-35. **pedigree:** TI 1112 (Blanco)/Speight G-33. **other id:** TC 313. **other id:** GP-19. **source:** Crop Sci. 21:802 (1981). **group:** CSR-TOBACCO. **remarks:** Flue-cured tobacco. Resistant to tobacco hornworms. Low yield. I-35 resembles parent TI 1112 in field appearance. Leaf trichomes are without glandular heads or exudates. Annual. Breeding Material. Seed.

PI 551302. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Chaplin, James F., USDA-ARS & North Carolina AES, Oxford Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina, United States. Received 1974.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & North Carolina AES, Oxford Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina 29565. **cultivar:** LAFC 53. **pedigree:** Low alkaloid line/NC95//5*NC 95. **other id:** TC 323. **other id:** GP-13. **source:** Crop Sci. 15:282 (1975). **group:** CSR-TOBACCO. **remarks:** Flue-cured tobacco. High resistance to black shank and bacterial wilt. Leaves do not ripen normally, stay green longer. Low total alkaloids(0.2%). Annual. Breeding Material. Seed.

PI 551303. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Company, Laurinburg, North Carolina, United States. Received 1968.

origin: United States. **historical origin:** United States.
origin institute: McNair Seed Company, Laurinburg, North Carolina 28352. **cultivar:** MCNAIR 133. **other id:** TC 336. **remarks:** Flue-cured tobacco. Annual. Cultivar. Seed.

PI 551304. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Company, Laurinburg, North Carolina, United States. Received 1969.

origin: United States. **historical origin:** United States.
origin institute: McNair Seed Company, Laurinburg, North Carolina 28352. **cultivar:** MCNAIR 135. **other id:** TC 337. **remarks:** Flue-cured tobacco. Annual. Cultivar. Seed.

PI 551305. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Company, Laurinburg, North Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: McNair Seed Company, Laurinburg, North Carolina 28352. **cultivar:** MCNAIR 1040. **pedigree:** Coker 139/Coker 319. **other id:** TC 340. **other id:** PVP 7500030. **source:** Application abandoned/withdrawn. **group:** PVPO. **remarks:** Flue-cured tobacco. Moderate resistance to black shank and Granville wilt. Annual. Cultivar. Seed.

PI 551306. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Company, Laurinburg, North Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: McNair Seed Company, Laurinburg, North Carolina 28352. **cultivar:** MCNAIR 9170. **other id:** TC 341. **remarks:** Flue-cured tobacco. Annual. Cultivar. Seed.

PI 551307. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Matzinger, D.F., North Carolina AES, North Carolina State Univ., Dept. of Genetics, Raleigh, North Carolina, United States. Received 1975.

origin: United States. **historical origin:** United States.
origin institute: North Carolina AES, North Carolina State Univ., Dept. of Genetics, Raleigh, North Carolina 27695. **cultivar:** NC 12. **pedigree:** Hicks Broadleaf/Coker 139. **other id:** TC 346. **other id:** CV-81. **source:** Crop Sci. 16(5):742 1976. **group:** CSR-TOBACCO. **remarks:** Flue-cured tobacco. Moderately resistant to black shank and Granville wilt. Low resistance to Fusarium wilt. High yield potential, intermediate height and leaf number. Lemon colored, thin-bodied cured leaves contain less nicotine. Annual. Cultivar. Seed.

PI 551308. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Matzinger, D.F., North Carolina AES & USDA-ARS, North Carolina State Univ., Dept. of Crop Science, Raleigh, North Carolina, United States. Received 1976.

origin: United States. **historical origin:** United States.
origin institute: North Carolina AES & USDA-ARS, North Carolina State Univ., Dept. of Crop Science, Raleigh, North Carolina 27607. **cultivar:** NC 13. **pedigree:** Hicks Broadleaf/Coker 139. **other id:** TC 347. **other id:** CV-87. **source:** Crop Sci. 17(5):825 1977. **group:** CSR-TOBACCO. **remarks:** Flue-cured tobacco. High level of resistance of the Florida 301 type to black shank. High yield potential. Leaves are large, particularly near the bottom of the plant. Annual. Cultivar. Seed.

PI 551309. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Wernsman, E.A., NCSU-ARS, North Carolina State Univ., Department of Crop Science, Raleigh, North Carolina, United States. Received 1986.

origin: United States. **historical origin:** United States.
origin institute: NCSU-ARS, North Carolina State Univ., Department of Crop Science, Raleigh, North Carolina 27695. **cultivar:** NC 27NF. **pedigree:** Coker 319/TG-21//Coker 319. **other id:** TC 349. **remarks:** Flue-cured tobacco. Low resistance to black shank. Moderate resistance to Granville wilt. Photoperiod or day length sensitive "non-flowering" variety. Produces over 30 leaves, encouraged to top at 18-20 harvestable leaves. Annual. Cultivar. Seed.

PI 551310. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Powell, N.T., North Carolina AES, North Carolina State Univ., Department of Plant Pathology, Raleigh, North Carolina, United States. Received 1973.

origin: United States. **historical origin:** United States.
origin institute: North Carolina AES, North Carolina State Univ., Department of Plant Pathology, Raleigh, North Carolina 27695. **cultivar:** NC 79. **pedigree:** 2521-1/2321. **other id:** TC 355. **remarks:** Flue-cured tobacco. Moderately resistant to black shank and fusarium wilt. Resistant to races 1 and 3 of the southern root-knot nematode. Medium maturing variety with medium-high yield potential. Tall with intermediate leaf number. Annual. Cultivar. Seed.

PI 551311. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Gwynn, G.R., USDA-ARS & NC-ARS, Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina, United States. Received 1979.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & NC-ARS, Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina 27565. **cultivar:** NC 82. **pedigree:** Coker 319/NC 6129/3/(Virginia 21/Bottom Special//8038-3). **other id:** TC 356. **other id:** CV-84. **source:** Crop Sci. 21(5):798 1981. **group:** CSR-TOBACCO. **remarks:** Flue-cured tobacco. High resistance to black shank and resistant to bacterial wilt, Fusarium wilt, and black root rot. Very good cured leaf quality. May flower prematurely. Leaf type and shape resemble Coker 319. Annual. Cultivar. Seed.

PI 551312. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Powell, N.T., North Carolina AES, North Carolina State Univ., Department of Plant Pathology, Oxford, North Carolina, United States. Received 1974.

origin: United States. **historical origin:** United States.
origin institute: North Carolina AES, North Carolina State Univ., Department of Plant Pathology, Oxford, North Carolina 27565. **cultivar:** NC 98. **pedigree:** 6997/NC 95. **other id:** TC 361. **remarks:** Flue-cured tobacco. Moderately resistant to black shank and Granville wilt. Resistant to root-knot nematode. Low resistance to Fusarium wilt. Medium maturity with high yield potential, tall with intermediate leaf number. Annual. Cultivar. Seed.

PI 551313. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Chaplin, J.F., USDA-ARS & NC-ARS, Tobacco Research Laboratory, PO Box 1168, Raleigh, North Carolina, United States. Received 1980.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & NC-ARS, Tobacco Research Laboratory, PO Box 1168, Raleigh, North Carolina 27565.
cultivar: NC 744. **pedigree:** Coker 86/VY 32-DH. **other id:** TC 363. **other id:** GP-18. **source:** Crop Sci. 20(5):677 1980. **group:** CSR-TOBACCO. **remarks:** Flue-cured tobacco. Tolerant to mild strain of PVY and immune to severe strains of PVY. Resistance to tobacco etch virus, tobacco vein mottling virus, black shank, and bacterial wilt. Derived double haploid line. Annual. Breeding Material. Seed.

PI 551314. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Chaplin, James F., USDA-ARS & NC-AES, Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina, United States. Received 1976.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & NC-AES, Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina 27565.
cultivar: NC PY 10. **pedigree:** TI 1372/NC 2326//5*NC 2326. **other id:** TC 367. **other id:** GP-16. **source:** Crop Sci 16:886 (1976). **group:** CSR-TOBACCO. **remarks:** Flue-cured tobacco. Disease resistance equal to NC 2326. Pale yellow. Leaves mature about 10 days earlier and yellowing time should be half that of normal flue-cured cultivars. Relatively uniform ripening. Genetically stable. Annual. Breeding Material. Seed.

PI 551315. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Chaplin, J.F., USDA-ARS & SC-AES, Tobacco Research Laboratory, PO Box 1168, Oxford, North Carolina, United States. Received 1970.

PI 551315-continued

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & SC-AES, Tobacco Research
Laboratory, PO Box 1168, Oxford, North Carolina 27565.
cultivar: PD 121. **pedigree:** White Stem Orinoco/Beinhart
1000-1//Hicks. **other id:** TC 382. **other id:** GP-11.
source: Crop Sci. 11:606 (1971). **group:** CSR-TOBACCO.
remarks: Flue-cured tobacco. Brown spot resistant
breeding line. Also resistant to black shank.
Unacceptable cigar flavor associated with cured leaf.
Some characteristics equal to Hicks but lower quality
leaf. Annual. Breeding Material. Seed.

PI 551316. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Graham, T.W., USDA-ARS & SC-AES, Pee Dee Exp. Stn.,
Florence, South Carolina, United States. Received 1972.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & SC-AES, Pee Dee Exp. Stn.,
Florence, South Carolina 29501. **cultivar:** SC 72.
pedigree: NC 95/MRS-3(Coker 139/Va 45). **other id:** TC
403. **other id:** CV-58. **source:** Crop Sci. 14(4):606
(1974). **group:** CSR-TOBACCO. **remarks:** Flue-cured
tobacco. Resistant to TMV and races 1 and 3 of the
southern root-knot nematode. Moderate resistance to
black shank and bacterial wilt. Low resistance to
Fusarium wilt and tolerance to brown spot. Annual.
Cultivar. Seed.

PI 551317. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms, Box 507, Winterville, North
Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Speight Seed Farms, Box 507,
Winterville, North Carolina 28590. **cultivar:** SPEIGHT
G-10. **other id:** TC 416. **remarks:** Flue-cured tobacco.
Annual. Cultivar. Seed.

PI 551318. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms, Box 507, Winterville, North
Carolina, United States. Received 1969.

PI 551318-continued

origin: United States. **historical origin:** United States.
origin institute: Speight Seed Farms, Box 507,
Winterville, North Carolina 28590. **cultivar:** SPEIGHT
G-28. **pedigree:** Oxford 1-181/Coker 139//NC 95. **other**
id: TC 420. **remarks:** Flue-cured tobacco. High
resistance to black shank and Granville wilt. Resistance
to Fusarium wilt and races 1 and 3 of the southern
root-knot nematode. Annual. Cultivar. Seed.

PI 551319. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms, Box 507, Winterville, North
Carolina, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Speight Seed Farms, Box 507,
Winterville, North Carolina 28590. **cultivar:** SPEIGHT
G-41. **other id:** TC 423. **remarks:** Flue-cured tobacco.
Annual. Cultivar. Seed.

PI 551320. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms, Box 507, Winterville, North
Carolina, United States. Received 1986.

origin: United States. **historical origin:** United States.
origin institute: Speight Seed Farms, Box 507,
Winterville, North Carolina 28590. **cultivar:** SPEIGHT
G-102. **pedigree:** Speight G-15/Speight G-33. **other id:**
TC 428. **remarks:** Flue-cured tobacco. Moderate
resistance to black shank. Resistant to races 1 and 3 of
the southern root-knot nematode. Annual. Cultivar.
Seed.

PI 551321. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Terrill, T.R., Virginia Polytech Inst. & State Univ.,
Southern Piedmont Agr. Exp. Station, PO Box 448, Blackstone,
Virginia, United States. Received 1973.

PI 551321-continued

origin: United States. **historical origin:** United States.
origin institute: Virginia Polytech Inst. & State Univ.,
Southern Piedmont Agr. Exp. Station, PO Box 448,
Blackstone, Virginia 23824. **cultivar:** VA 080.
pedigree: NC 95/Burley 49//3*NC 95. **other id:** TC 432.
other id: CV-59. **source:** Crop Sci. 14(4):606 (1974).
group: CSR-TOBACCO. **remarks:** Flue-cured tobacco. Highly
resistant to TMV, black root rot, and Fusarium wilt.
Resistant to races 1 and 3 of the southern root-knot
nematode. Moderately resistant to black shank and
bacterial wilt. Tolerant to brown spot. Annual.
Cultivar. Seed.

PI 551322. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: LaPrade, J.L., Virginia AES, Virginia Polytechnic Inst.
& State Univ., Blacksburg, Virginia, United States. Received 1971.

origin: United States. **historical origin:** United States.
origin institute: Virginia AES, Virginia Polytechnic
Inst. & State Univ., Blacksburg, Virginia 24061.
cultivar: VA 770. **pedigree:** NC 95/Va 3160. **other id:** TC
435. **other id:** CV-53. **source:** Crop Sci. 12:258 (1972).
group: CSR-TOBACCO. **remarks:** Flue-cured tobacco. Highly
resistant to Fusarium wilt, black root rot, and TMV.
Moderately resistant to black shank and Granville wilt.
Tolerant to brown spot. Resistant to races 1 and 3 of the
southern root-knot nematode. Annual. Cultivar. Seed.

PI 551323. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Matthews, E.M., Virginia AES, Tobacco Research Station,
Chatham, Virginia, United States. Received 1942.

origin: United States. **historical origin:** United States.
origin institute: Virginia AES, Tobacco Research Station,
Chatham, Virginia. **cultivar:** VIRGINIA 312. **pedigree:**
Yellow Special/Cash. **other id:** TC 445. **other id:** CV-9.
source: Agro. Journal 50:713 (1958). **group:** CSR-TOBACCO.
remarks: Fire-cured tobacco. Grows with slight yellow
cast. Leaves slightly brittle. Cures to rich orange
color. Annual. Cultivar. Seed.

PI 551324. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Latham, D.H., Tennessee AES, Dept. of Agriculture
Biology, Univ. of Tennessee, Knoxville, Tennessee, United States.
Received 1976.

PI 551324-continued

origin: United States. **historical origin:** United States.
origin institute: Tennessee AES, Dept. of Agriculture
Biology, Univ. of Tennessee, Knoxville, Tennessee 37901.
cultivar: DF 911. **other id:** TC 468. **remarks:** Fire-cured
tobacco. Resistant to black root rot, TMV, and wildfire.
Medium tall, slightly darker green tobacco. 14
harvestable leaves. Annual. Cultivar. Seed.

PI 551325. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Litton, C.C., Kentucky AES & USDA-ARS, Crops Research
Division, Univ. of Kentucky, Lexington, Kentucky, United States.
Received 1966.

origin: United States. **historical origin:** United States.
origin institute: Kentucky AES & USDA-ARS, Department of
Agronomy, Univ. of Kentucky, Lexington, Kentucky 40506.
cultivar: KY 170. **pedigree:** Br-RR-1-56A/Br-1/2/GR
27/3/Burley 21/4/Madole/5/Little Wood /6/KY 153. **other
id:** TC 474. **other id:** CV-33. **source:** Crop Sci. 8(1):131
(1968). **group:** CSR-TOBACCO. **remarks:** Dark fire-cured
tobacco. Resistance to black rot, wildfire, and TMV.
First DAC tobacco variety with resistance to black rot,
caused by *Thielaviopsis basicola*, from *Nicotiana debneyi*.
Annual. Cultivar. Seed.

PI 551326 to 551330. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Litton, C.C., Kentucky AES & USDA-ARS, Plant Science
Research Division, Lexington, Kentucky, United States. Received
1971.

PI 551326 **origin:** United States. **historical origin:** United States.
origin institute: Kentucky AES & USDA-ARS, Department of
Agronomy, Univ. of Kentucky, Lexington, Kentucky 40506.
cultivar: KY 171. **pedigree:** Ky 151, Madole, Little
Crittenden, Black Mammoth. **other id:** TC 475. **other id:**
CV-49. **source:** Crop Sci. 11:604 (1971). **group:**
CSR-TOBACCO. **remarks:** Dark fire-cured tobacco. High
resistance to black root rot, wildfire, and tobacco
mosaic virus. Leaves grow in a semi-erect position.
Annual. Cultivar. Seed.

PI 551326 to 551330-continued

- PI 551327 **origin:** United States. **historical origin:** United States. **origin institute:** Kentucky AES & USDA-ARS, Department of Agronomy, Univ. of Kentucky, Lexington, Kentucky 40506. **cultivar:** MOSAIC RESISTANT MADOLE. **pedigree:** Madole/*Nicotiana glutinosa* L.//6*Madole. **other id:** TC 480. **other id:** CV-56. **source:** Crop Sci. 12(3):397 1972. **group:** CSR-TOBACCO. **remarks:** Fire-cured tobacco. Long, broad, droopy leaves of fine silky quality best suited to gray loams or clay soils. Produces a thin-bodied leaf that is suitable for export (cutting) tobacco. Annual. Cultivar. Seed.
- PI 551328 **origin:** United States. **historical origin:** United States. **origin institute:** Kentucky AES & USDA-ARS, Department of Agronomy, Univ. of Kentucky, Lexington, Kentucky 40506. **cultivar:** MOSAIC RESISTANT BLACK MAMMOTH. **pedigree:** Black Mammoth/*Nicotiana glutinosa* L.//6*Black Mammoth. **other id:** TC 481. **other id:** CV-55. **source:** Crop Sci. 12(3):397 1972. **group:** CSR-TOBACCO. **remarks:** Fire-cured tobacco. Produces long, broad, and very droopy leaves. Leaf surface is smooth and heavily ruffled at the base. Has a medium size stalk and is larger growing than the other mosaic resistant cultivars. Annual. Cultivar. Seed.
- PI 551329 **origin:** United States. **historical origin:** United States. **origin institute:** Kentucky AES & USDA-ARS, Department of Agronomy, Univ. of Kentucky, Lexington, Kentucky 40506. **cultivar:** MOSAIC RESISTANT LITTLE CRITTENDEN. **pedigree:** Little Crittenden/*Nicotiana glutinosa* L.//6*Little Crittenden. **other id:** TC 482. **other id:** CV-54. **source:** Crop Sci. 12(3):397 1972. **group:** CSR-TOBACCO. **remarks:** Dark fire-cured tobacco. Broad leaf cultivar having long leaves with considerable crinkle. Leaves attached to medium size stalks in a semi-erect position; but it is not a stand-up type. Resistant to tobacco mosaic virus. Annual. Cultivar. Seed.
- PI 551330 **origin:** United States. **historical origin:** United States. **origin institute:** Kentucky AES and USDA-ARS, Department of Agronomy, Univ. of Kentucky, Lexington, Kentucky 40506. **cultivar:** MOSAIC RESISTANT LITTLE WOOD. **pedigree:** Little Wood/*Nicotiana glutinosa* L.//6* Little Wood. **other id:** TC 483. **other id:** CV-57. **source:** Crop Sci. 12(3):397 1972. **group:** CSR-TOBACCO. **remarks:** Dark fire-cured tobacco. Broad dark leaves, rather short, small stalks. Resistant to tobacco mosaic virus. Annual. Cultivar. Seed.

PI 551331. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Henderson, R.G., Virginia Polytech Institute, Dept. of Plant Pathology & Physiology, Blacksburg, Virginia, United States. Received 1968.

origin: United States. **historical origin:** United States.
origin institute: Virginia Polytech Institute, Dept. of Plant Pathology & Physiology, Blacksburg, Virginia 24061. **cultivar:** SEARS SPECIAL. **pedigree:** Little Dick/Virginia 312. **other id:** TC 485. **other id:** CV-42. **source:** Crop Sci. 10:211 (1970). **group:** CSR-TOBACCO. **remarks:** Fire-cured tobacco. Moderate resistance to black root rot. Cured leaf is medium brown in color. Medium size leaves. Upper leaves are wrinkled along lateral veins. Leaf margin has tendency to roll downward. Annual. Cultivar. Seed.

PI 551332. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McMurtrey, J.E., Maryland AES, Univ. of Maryland, College Park, Maryland, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Maryland AES, Univ. of Maryland, College Park, Maryland 20742. **cultivar:** CATTERTON. **pedigree:** Probably White Burley/Maryland Broadleaf. **other id:** TC 494. **remarks:** Maryland tobacco. Resistant to black root rot. High sucker growth. Harvest period for best-cure is very short; matures 7-10 days before typical medium broadleaf varieties. Annual. Cultivar. Seed.

PI 551333. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Skoog, H.A., USDA-ARS & Maryland AES, Dept. of Agronomy, Univ. of Maryland, College Park, Maryland, United States. Received 1969.

origin: United States. **historical origin:** United States.
origin institute: USDA-ARS & Maryland AES, Dept. of Agronomy, Univ. of Maryland, College Park, Maryland 20742. **cultivar:** MARYLAND 10. **pedigree:** Catterton/RMW. **other id:** TC 498. **other id:** CV-77. **source:** Crop Sci. 15:103 (1975). **group:** CSR-TOBACCO. **remarks:** Maryland tobacco. Resistant to tobacco mosaic virus. Low to moderate resistance to Fusarium wilt. First Type 32 cultivar with tobacco mosaic resistance. Annual. Cultivar. Seed.

PI 551334. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McKee, C.G., Maryland AES, Univ. of Maryland, Dept. of Agronomy, College Park, Maryland, United States. Received 1967.

origin: United States. **historical origin:** United States.
origin institute: Maryland AES, Univ. of Maryland, Dept. of Agronomy, College Park, Maryland 20742. **cultivar:** MARYLAND 64. **pedigree:** Catterton/Wilson. **other id:** TC 502. **other id:** CV-78. **source:** Crop Sci. 15:281 (1975). **group:** CSR-TOBACCO. **remarks:** Maryland tobacco. A light air-cured cultivar with a high level of resistance to Fusarium wilt and a medium level of resistance to black root rot; some tolerance to weather fleck. Slow maturing, low growing with a high leaf number. Annual. Cultivar. Seed.

PI 551335. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Skoog, H.A., Maryland AES & USDA-ARS, Beltsville Agr. Res. Ctr., Tobacco Lab., Beltsville, Maryland, United States. Received 1973.

origin: United States. **historical origin:** United States.
origin institute: Maryland AES & USDA-ARS, Beltsville Agr. Res. Ctr., Tobacco Lab., Beltsville, Maryland 20705. **cultivar:** MARYLAND 201. **pedigree:** Catterton/Maryland 64. **other id:** TC 503. **other id:** CV-80. **source:** Crop Sci. 15:282 (1975). **group:** CSR-TOBACCO. **remarks:** Maryland tobacco. A light air-cured cultivar with a high resistance to TMV and a medium level of resistance to Fusarium wilt. Very similar to Maryland 64 in plant appearance, slightly lower yield, higher leaf quality. Annual. Cultivar. Seed.

PI 551336. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Aycock, M.K., Maryland AES & USDA-ARS, Univ. of Maryland, Dept. of Agronomy, College Park, Maryland, United States. Received 1973.

origin: United States. **historical origin:** United States.
origin institute: Maryland AES & USDA-ARS, Univ. of Maryland, Dept. of Agronomy, College Park, Maryland 20742. **cultivar:** MARYLAND 872. **pedigree:** Maryland 609/'Wilson'-type breeding line. **other id:** TC 506. **other id:** CV-79. **source:** Crop Sci. 15:281 (1975).
group: CSR-TOBACCO. **remarks:** Maryland tobacco. A light air-cured cultivar with resistance to TMV. Moderate resistance to Fusarium wilt. First variety with high resistance to wildfire. Compact appearance, dark green in all stages of growth. Similar to MD 609. Annual. Cultivar. Seed.

PI 551337. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Brown, D.E., Maryland AES & Bureau of Plant Industry, Univ. of Maryland, College Park, Maryland, United States. Received 1906.

origin: United States. **historical origin:** United States.
origin institute: Maryland AES & Bureau of Plant Industry, Univ. of Maryland, College Park, Maryland 20742. **cultivar:** MARYLAND MAMMOTH. **pedigree:** Maryland Broadleaf/Maryland Narrowleaf. **other id:** TC 507.
remarks: Maryland tobacco. Little or no resistance to diseases common in the MD area. Topped higher or with more leaves than other varieties. Plants flower late, often not in time to mature seed before frost kills the plants. Annual. Cultivar. Seed.

PI 551338. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McMurtrey, J.E., Maryland AES, Univ. of Maryland, College Park, Maryland, United States. Received .

origin: United States. **historical origin:** United States.
origin institute: Maryland AES, Univ. of Maryland, College Park, Maryland 20742. **cultivar:** MARYLAND STAND-UP MAMMOTH. **pedigree:** White Burley/Maryland Mammoth. **other id:** TC 508. **remarks:** Maryland Tobacco. Standup type. Moderate resistance to black root rot. Has the peculiar flowering habit of parent Maryland Mammoth. Annual. Cultivar. Seed.

PI 551339. *Clematis ligusticifolia* Nutt. RANUNCULACEAE

Donated by: Pullman Plant Materials Center, USDA-SCS, Pullman, Washington, United States. **remarks:** Received through National Plant Materials Center, USDA-SCS, B-509, BARC-East, Beltsville, MD 20705. Received August 01, 1991.

origin: United States. **cultivar:** TRAILAR. **pedigree:** Morphological selection from among an original collection and initial evaluation planting of 45 accessions. Increased vegetatively. **collected:** September 1977. **other id:** T 2980. **other id:** T 2981. **other id:** 9033815. **locality:** T2980 collected near Walla Walla and T2981 collected in Benton County. **remarks:** Selection consists of two plants- T2981 a male, and T2980 a female. Stem woody, heavy, large (1mm in diameter). Plants have long trailing stems or vines producing good ground cover. Flowers abundantly through July and into August with white showy flowers, up to 2.5cm in width. Recommended for use as intermittent streambank protection and soil cover, for roadside and other critical area cover, and as ground. Cultivar. Plant.

PI 551340. *Symphoricarpos albus* (L.) S.F.Blake CAPRIFOLIACEAE
Snowberry

Donated by: Pullman Plant Materials Center, USDA-SCS, Pullman, Washington, United States. **remarks:** Received through National Plant Materials Center, USDA-SCS, B-509, BARC-East, Beltsville, MD 20705. Received August 01, 1991.

origin: United States. **cultivar:** SNOWBAR. **pedigree:** One of 3 accessions selected from an initial evaluation planting containing 40 accessions. Increase was by softwood cuttings. **collected:** October 1973. **other id:** SYAL. **other id:** T20475. **locality:** Near Tonasket, Okanogan County. **elevation:** 671m. **remarks:** Plants upright, 130cm mature height. Stems stiff. Canopy with 115cm. Flowers pink, perfect and approx. 0.5cm diameter. Leaves average 3.5cm long and 2.7cm wide. Fruit white, drupe, reach 1.5cm diam. Produces numerous stems, leaves, and fruit. Recommended for use in conservation plantings, for hilltop snowbreaks, eyebrow plantings and wildlife food and cover. Wide range of adaptability on silt. Perennial. Cultivar. Plant.

PI 551341. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Maryland AES, Univ. of Maryland, College Park, Maryland, United States. Received .

PI 551341-continued

origin: United States. **cultivar:** WILSON. **pedigree:** Farmer selection. **other id:** TC 517. **remarks:** Maryland tobacco. Little or no resistance to the commonly occurring tobacco diseases in Maryland. Under favorable conditions produces a high quality leaf. Developed prior to 1950. Annual. Cultivar. Seed.

PI 551342. *Panicum adspersum* Trin. POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

donor id: UI 4752. **origin:** United States. **other id:** deWet 4415. **locality:** 9.7km north of US 77 and US 83 junction in Harlingen. Annual. Wild. Seed.

PI 551343. *Panicum bisulcatum* Thunb. POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

donor id: UI 6909. **origin:** UNKNOWN. Annual. Wild. Seed.

PI 551344 to 551351. *Panicum bulbosum* H. B. K. POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

PI 551344 **donor id:** UI 4757. **origin:** United States. **other id:** deWet 4339. **locality:** 49km southeast of AZ 186 and AZ 181 junction inside Coronado National Forest on way to Rucker Canyon in Cochise County. Annual. Wild. Seed.

PI 551345 **donor id:** UI 4758. **origin:** United States. **other id:** deWet 4340. **locality:** Just inside Coronado National Forest on way to Rucker Canyon. Annual. Wild. Seed.

PI 551344 to 551351-continued

- PI 551346 **donor id:** UI 4759. **origin:** United States. **other id:** deWet 4343. **locality:** 9.6km southeast of entrance to Rucker Canyon in Coronado National Forest, Cochise County. Annual. Wild. Seed.
- PI 551347 **donor id:** UI 4760. **origin:** United States. **other id:** deWet 4346. **locality:** 13.0km from AZ 92 park road turnoff in Coronado National Memorial in Huachuca Mountains. Annual. Wild. Seed.
- PI 551348 **donor id:** UI 4788. **origin:** United States. **other id:** deWet 4412. **locality:** 0.8km east of US 77 along TX 100 in Cameron County. **received as:** Panicum plenum. Annual. Wild. Seed.
- PI 551349 **donor id:** UI 5059. **origin:** Mexico. **other id:** deWet 4507. **locality:** 6.7km northwest of Santa Lucia along Mexico Highway 40 and 96.0km northeast of Mazatlan. Annual. Wild. Seed.
- PI 551350 **donor id:** UI 5076. **origin:** United States. **other id:** deWet 4483. **locality:** 14.4km west of US 89 and AZ 289 junction in Pena Blanca Recreational Area of Coronado National Forest, Santa Cruz County. Annual. Wild. Seed.
- PI 551351 **donor id:** UI 5081. **origin:** United States. **other id:** deWet 4485. **locality:** 3.2km east of Lake Pena Blanca, Coronado National Forest, along AZ 289, Santa Cruz County. Annual. Wild. Seed.

PI 551352 to 551356. *Panicum capillare* L. POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

- PI 551352 **donor id:** UI 4718. **origin:** Venezuela. **collected:** February 22, 1974. **locality:** 1.7km south of Valera in pass on both sides of road along cliff. **received as:** *Panicum barbipulvinatum*. Annual. Wild. Seed.
- PI 551353 **donor id:** UI 4719. **origin:** United States. **other id:** deWet 4303. **locality:** At turnoff of Interstate 40 near Ramada Inn of Elk City, 136.0km west of Interstate 40 and US 81 junction. Annual. Wild. Seed.

PI 551352 to 551356-continued

PI 551354 **donor id:** UI 4720. **origin:** United States. **other id:** deWet 4304. **locality:** 3.2km west of Oklahoma border along Interstate 40 in sandy soil in recovering prairie. Annual. Wild. Seed.

PI 551355 **donor id:** UI 4721. **origin:** United States. **other id:** deWet 4308. **locality:** 2.1km west of Shamrock along Interstate 40, next to rest area along planted pasture. Annual. Wild. Seed.

PI 551356 **donor id:** UI 5167. **origin:** United States. **other id:** deWet 4534. **locality:** Vacent lot at gas station near Murfreesboro. Annual. Wild. Seed.

PI 551357 to 551358. *Panicum dichotomiflorum* Michx. POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

PI 551357 **donor id:** UI 4762. **origin:** United States. **other id:** deWet 4422. **locality:** Corpus Christi sewage plant, 10.7km from South Shoreline Boulevard and Morgan Street. Annual. Wild. Seed.

PI 551358 **donor id:** UI 4763. **origin:** United States. **other id:** deWet 4428. **locality:** 14.2km northeast of Refugio, Refugio County, along US 77. Annual. Wild. Seed.

PI 551359 to 551368. *Panicum fasciculatum* Swartz POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

PI 551359 **donor id:** UI 4765. **origin:** Mexico. **other id:** deWet 4355. **locality:** 95.2km south of Hermosillo, along Mexico Highway 15, 14.1km south of Kino Road junction. Annual. Wild. Seed.

PI 551360 **donor id:** UI 4766. **origin:** Mexico. **other id:** deWet 4361. **locality:** 57.3km southeast of Guaymas and 66.7km northwest of Ciudad Obregon along Mexico Highway 15. Annual. Wild. Seed.

PI 551359 to 551368-continued

- PI 551361 donor id: UI 4767. origin: Mexico. other id: deWet 4363. locality: 11.2km southeast of Ciudad Obregon along Mexico Highway 15. Annual. Wild. Seed.
- PI 551362 donor id: UI 4768. origin: Mexico. other id: deWet 4364. locality: 11.2km southeast of Ciudad Obregon along Mexico Highway 15. Annual. Wild. Seed.
- PI 551363 donor id: UI 4769. origin: Mexico. other id: deWet 4370. locality: 38.9km east of Navjoa along Alamos Road. Annual. Wild. Seed.
- PI 551364 donor id: UI 4770. origin: Mexico. other id: deWet 4378. locality: 40.8km south of Navajoa, 115.2km north of Los Mochis along Mexico Highway 15. Annual. Wild. Seed.
- PI 551365 donor id: UI 4771. origin: United States. other id: deWet 4410. locality: Along US 281 East, 60.8km west of Brownsville. Annual. Wild. Seed.
- PI 551366 donor id: UI 4772. origin: United States. other id: deWet 4417. locality: 3.2km northeast of Raymondville. Willacy County. Annual. Wild. Seed.
- PI 551367 donor id: UI 4773. origin: United States. other id: deWet 4418. locality: 3.2km northeast of Raymondville. Willacy County. Annual. Wild. Seed.
- PI 551368 donor id: UI 4774. origin: United States. other id: deWet 4426. locality: 11.7km northeast of Sinton, San Patricia County. Annual. Wild. Seed.

PI 551369 to 551384. *Panicum hirticaule* Presl POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

- PI 551369 donor id: UI 5082. origin: Mexico. other id: deWet 4491. locality: 4.0km south of Castia and 46.1km south of United States and Mexico border on Mexico Highway 15. Annual. Wild. Seed.
- PI 551370 donor id: UI 5087. origin: Mexico. other id: deWet 4497. locality: 6.4km east of Navojoa along Alamos Road. Annual. Wild. Seed.

PI 551369 to 551384-continued

- PI 551371 **donor id:** UI 5077. **origin:** United States. **other id:** deWet 4487. **locality:** 14.4km west of US 89 and AZ 289 junction in Pena Blanca Recreation Area, Coronado National Forest. Annual. Wild. Seed.
- PI 551372 **donor id:** UI 4725. **origin:** United States. **other id:** deWet 4330. **locality:** 22.4km south of Safford, Graham County, along US 666, in gully. Annual. Wild. Seed.
- PI 551373 **donor id:** UI 4726. **origin:** United States. **other id:** deWet 4333. **locality:** 20.6km S of Bowie, Cochise County along Apache Pass Road. Annual. Wild. Seed.
- PI 551374 **donor id:** UI 4727. **origin:** United States. **other id:** deWet 4337. **locality:** 2.7km southwest from AZ 186 and AZ 181 junction, along AZ 181, Cochise County. Annual. Wild. Seed.
- PI 551375 **donor id:** UI 4728. **origin:** Mexico. **other id:** deWet 4352. **locality:** 15.0km south of United States and Mexico border at Nogales, along Mexico Highway 15. Annual. Wild. Seed.
- PI 551376 **donor id:** UI 4729. **origin:** Mexico. **other id:** deWet 4354. **locality:** Along Mexico Highway 15, 95.2km south of Hermosillo. Annual. Wild. Seed.
- PI 551377 **donor id:** UI 4730. **origin:** Mexico. **other id:** deWet 4356. **locality:** 95.2km south of Hermosillo, along Mexico Highway 15, 36.8km north of Guaymas. Annual. Wild. Seed.
- PI 551378 **donor id:** UI 4731. **origin:** Mexico. **other id:** deWet 4358. **locality:** 57.3km southeast of Guaymas along Mexico Highway 15, 18.6km northwest of Vicam Station at edge of water. Annual. Wild. Seed.
- PI 551379 **donor id:** UI 4732. **origin:** Mexico. **other id:** deWet 4359. **locality:** 57.3km southeast of Guaymas along Mexico Highway 15 in damp meadow. Annual. Wild. Seed.
- PI 551380 **donor id:** UI 4733. **origin:** Mexico. **other id:** deWet 4372. **locality:** 1.2km northwest of Alamos. Annual. Wild. Seed.
- PI 551381 **donor id:** UI 4734. **origin:** Mexico. **other id:** deWet 4377. **locality:** 40.8km south of Navojoa from junction of Mexico Highway 15 and Sonora State Highway 19, along Mexico Highway 15. Annual. Wild. Seed.

PI 551369 to 551384-continued

PI 551382 **donor id:** UI 4735. **origin:** Mexico. **other id:** deWet 4381. **locality:** 15.0km southeast of Guamuchil, along Mexico Highway 15. Annual. Wild. Seed.

PI 551383 **donor id:** UI 4736. **origin:** Mexico. **other id:** deWet 4390. **locality:** 7.2km south of Ahuacatlan and 4.3km south of Jala turnoff along Mexico Highway 15. Annual. Wild. Seed.

PI 551384 **donor id:** UI 4723B. **origin:** United States. **other id:** deWet 4309. **locality:** Southwest of Amarillo, just of Interstate 40, along Paramount Avenue in empty lot. Annual. Wild. Seed.

PI 551385 to 551386. *Panicum molle* Sw. POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

PI 551385 **donor id:** UI 4784. **origin:** Mexico. **other id:** deWet 4376. **locality:** Close to eastern base of Cerro Prieto, 36.8km northwest of Alamos and 17.6km east of Navajoa, along Alamos Road. Annual. Wild. Seed.

PI 551386 **donor id:** UI 4785. **origin:** Mexico. **other id:** deWet 4386. **locality:** 106.9km southeast of Mozatlan, 21.1km from Escurinapa, along Mexico Highway 15 to Tepic. Annual. Wild. Seed.

PI 551387 to 551390. *Panicum repens* L. POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

PI 551387 **donor id:** UI 4789. **origin:** United States. **other id:** deWet 4439. **locality:** Along TX 87, 19.8km northeast of Port Boliva Perry Landing in Galveston County. Annual. Wild. Seed.

PI 551388 **donor id:** UI 4790. **origin:** United States. **other id:** deWet 4440. **locality:** 26.1km northeast of High Island, Galveston County, and 70.9km northeast of Galveston, along TX 87. Annual. Wild. Seed.

PI 551387 to 551390-continued

PI 551389 donor id: UI 4791. origin: United States. other id: deWet 4452. locality: 1.6km east of Inlet Beach and 63.7km east of Fort Walton Beach in Bay County along US 98. Annual. Wild. Seed.

PI 551390 donor id: UI 4792. origin: United States. other id: deWet 4455. locality: Along pond, 1.6km east of Inlet Beach, Bay County, along US 98. Annual. Wild. Seed.

PI 551391 to 551393. *Panicum texanum* Buckley POACEAE

Donated by: deWet, J.M.J., ICRISAT, Sorghum and Millet Program, Andhra Pradesh, India; and Hymowitz, T., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States; and Harlan, J., 1016 North Hagan Street, New Orleans, Louisiana, United States. Received December 15, 1988.

PI 551391 donor id: UI 4793. origin: United States. other id: deWet 4416. locality: 12.8km north of Harlingen along UAS 77. Annual. Wild. Seed.

PI 551392 donor id: UI 4794. origin: United States. other id: deWet 4419. locality: 1.3km north of Raymondville turnoff along stream next to US 77 in Willacy County. Annual. Wild. Seed.

PI 551393 donor id: UI 4795. origin: United States. other id: deWet 4431. locality: 50.6km northeast of Refugio and 17.0km southeast of Victoria along US 77. Annual. Wild. Seed.

PI 551394 to 551409. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received December 1981.

PI 551394 origin: United States. origin institute: University of Maryland, USDA/ARS, College Park, Maryland 20742. cultivar: Earliglow. pedigree: MDUS 2359 x MDUS 2713. remarks: Very early, good flavor, disease resistant. Perennial. Cultivar. Plant.

PI 551395 origin: United States. historical origin: United States. origin institute: Cornell University, Agricultural Experiment Station, Geneva, New York 14456. cultivar: Catskill. pedigree: Marshall x Howard 17. remarks: Large fruit, good flavor, soft, sensitive to viruses. Perennial. Cultivar. Plant.

PI 551394 to 551409-continued

- PI 551396 **origin:** United States. **historical origin:** United States. **origin institute:** University of Florida, Agricultural Research Center, Dover, Florida 33527. **cultivar:** Florida Belle. **pedigree:** Sequoia x Earlibelle. **other id:** 69-736. **remarks:** Anthracnose resist, good conformation for pesticide applic. Perennial. Cultivar. Plant.
- PI 551397 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, Agricultural Experiment Station, College Park, Maryland 20742. **cultivar:** Tribute. **pedigree:** EB18 x MDUS 4258. **other id:** EB60. **remarks:** Everbearing, multiple red stele resistance Berries medium to small, symmetrical, red and attractive. Perennial. Cultivar. Plant.
- PI 551398 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University and, USDA/ARS, Agricultural Experiment Station, Raleigh, North Carolina. **cultivar:** Titan. **pedigree:** NC 1767 x Albritton. **remarks:** Early, very large fruit, plants best in winter plantings. Perennial. Cultivar. Plant.
- PI 551399 **origin:** United States. **historical origin:** United States. **origin institute:** University of Wisconsin, Agricultural Experiment Station, Sturgeon Bay, Wisconsin 54235. **cultivar:** Badgerbelle. **pedigree:** Robinson x Jerseybelle. **other id:** Wis. 5827. **remarks:** Fair quality, leaf spot tolerant, good for fresh & freezing. Perennial. Cultivar. Plant.
- PI 551400 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia B4N 1J5. **cultivar:** Micmac. **pedigree:** Tioga x K61-87. **remarks:** Large conical fruit, easy to pick, slightly susceptible to powdery mildew. Perennial. Cultivar. Plant.
- PI 551401 **origin:** United States. **origin institute:** USDA/ARS, BARC-West, Beltsville, Maryland 20769. **cultivar:** Redstar. **pedigree:** Chesapeake x Fairfax. **remarks:** Adapted to NE, disease resist, virus tolerant. Perennial. Cultivar. Plant.
- PI 551402 **origin:** United States. **historical origin:** United States. **origin institute:** University of Arkansas, Agricultural Experiment Station, Fayetteville, Arkansas 72701. **cultivar:** Comet. **pedigree:** Earlibelle x ARK 5063. **other id:** Ark. 5734. **remarks:** Good flavor, good shipper, good for fresh mkt & processing. Perennial. Cultivar. Plant.

PI 551394 to 551409-continued

- PI 551403 **origin:** United States. **historical origin:** United States. **origin institute:** Florida State University, Agricultural Experiment Station, Lakeland, Florida. **cultivar:** Florida Ninety. **pedigree:** Open pollinated seedling of Missionary. **other id:** Florida 90. **remarks:** Berries soft, irregular and conic. In Florida, very large and early. Good to very good dessert quality. Perennial. Cultivar. Plant.
- PI 551404 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Sumner. **pedigree:** Titan x MDUS 2856. **other id:** NC 3469. **remarks:** Large fruit, susceptible to rot in spring, ripens early midseason in Coastal Plains, late season in mountains. Perennial. Cultivar. Plant.
- PI 551405 **origin:** United States. **historical origin:** United States. **origin institute:** University of Illinois, Agricultural Experiment Station, Urbana, Illinois 61801. **cultivar:** Vermilion. **pedigree:** Redstar x Pathfinder. **remarks:** Attractive, high dessert quality, some stocks variegate. Perennial. Cultivar. Plant.
- PI 551406 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, College Park, Maryland 20742. **cultivar:** Allstar. **pedigree:** US 4419 x MDUS 3184. **other id:** MDUS 4429. **remarks:** Large fruit, attractive color, multiple red stele resistance Moderately resistant to verticillium wilt. Perennial. Cultivar. Plant.
- PI 551407 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, Agricultural Experiment Station, Salisbury, Maryland. **cultivar:** Guardian. **pedigree:** NC 1768 x Surecrop. **other id:** MDUS 3079. **remarks:** Size changes over season, red stele resistant, wilt resistant, many runners, medium vigor. Perennial. Cultivar. Plant.
- PI 551408 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** Perle de Prague. **pedigree:** Unknown. **remarks:** Poor shipper, susceptible to spring frost. Perennial. Cultivar. Plant.
- PI 551409 **origin:** United States. **historical origin:** United States. **origin institute:** University of California, Santa Ana & California Agricultural, Research Station, Santa Ana, California. **cultivar:** Sequoia. **pedigree:** CAL 52.16-45 x CAL 51S1-1. **other id:** Plant Patent 3178. **group:** PREV. **remarks:** Winter plant for coastal CA, attractive, excellent flavor. Perennial. Cultivar. Plant.

PI 551410. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received December 1981.

origin: United States. **historical origin:** United States.
origin institute: Washington State University, SW Washington Research Center, Vancouver, Washington.
cultivar: YSP-05. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Along Pacific coast, Yachats State Park. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. Perennial. Breeding Material. Plant.

PI 551411 to 551430. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received February 02, 1983.

PI 551411 **origin:** United States. **historical origin:** Netherlands.
cultivar: Tamella. **pedigree:** Uncertain. Perennial. Cultivar. Plant.

PI 551412 **origin:** United States. **historical origin:** United States.
origin institute: Iowa State University, Agricultural Experiment Station, Ames, Iowa 50011. **cultivar:** Cyclone. **pedigree:** Iowa 1-3713 x Iowa 68-3702. **other id:** Iowa 1-35. **remarks:** Fruits brilliant red, excellent flavor, June bearing, freezes well. Perennial. Cultivar. Plant.

PI 551413 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, Agricultural Experiment Station, College Park, Maryland. **cultivar:** Marlate. **pedigree:** Jerseybelle x [(Klonmore x Midlnd)x(Tenn Shipper x Midlnd)]. **remarks:** Medium sized plants, vigor medium, productive, susceptible to red stele and verticillium wilt. Perennial. Cultivar. Plant.

PI 551414 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, Agricultural Experiment Station, New Brunswick, New Jersey 08903. **cultivar:** Jerseybelle. **pedigree:** NJ953 x NJ925. **remarks:** Mild flavor and not adapted to freezing, late season, fruits large, showy and attractive. Perennial. Cultivar. Plant.

PI 551415 **origin:** United States. **historical origin:** Japan. **origin institute:** Kurume Branch, Horticultural Research Station, Kurume, Maryland. **cultivar:** Kurume 103. Perennial. Cultivar. Tissue Culture.

PI 551411 to 551430-continued

- PI 551416 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, College Park, Maryland 20742. **cultivar:** Scott. **pedigree:** Sunrise x Tioga. **other id:** MDUS 4376. **remarks:** Large fruit, multiple red stele resistance, vigorous and productive. Perennial. Cultivar. Plant.
- PI 551417 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Ottawa, Ontario. **cultivar:** Cavalier. **pedigree:** Valentine x Sparkle. **other id:** Ottawa 481. **remarks:** Somewhat susceptible to leaf spot, leaf scorch and powdery mildew, resistant to verticillium wilt. Perennial. Cultivar. Plant.
- PI 551418 **origin:** United States. **historical origin:** United States. **cultivar:** Ambrosia. **pedigree:** Unknown, chance seedling. **other id:** Ambrosia Late. **remarks:** High yield, ships well, heavy foliage, no longer cultivated. Perennial. Cultivar. Plant.
- PI 551419 **origin:** United States. **historical origin:** Taiwan. **cultivar:** Pai Yu. Perennial. Cultivar. Tissue Culture.
- PI 551420 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maine, Agriculture Experiment Station, Highmoor Farm, Monmouth, Maine 04259. **cultivar:** Orland. **pedigree:** Aberdeen x Howard 17. **remarks:** Attractive, resembles Howard 17. Perennial. Cultivar. Tissue Culture.
- PI 551421 **origin:** United States. **origin institute:** USDA/ARS, BARC-West, Beltsville, Maryland 20769. **cultivar:** Blakemore. **pedigree:** Missionary x Howard 17. **other id:** USDA 659. **remarks:** Shipping variety for the South, hill culture, disease resistant. Perennial. Cultivar. Tissue Culture.
- PI 551422 **origin:** United States. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, IVT, Wagenigan, Maryland. **cultivar:** Primella. **other id:** Primell. Perennial. Cultivar. Tissue Culture.
- PI 551423 **origin:** United States. **origin institute:** USDA-ARS, BARC-West, Beltsville, Maryland 20705. **cultivar:** Fairland. **pedigree:** Aberdeen x Fairfax. **remarks:** Adapted to northeastern USA, red stele resistance. Perennial. Cultivar. Tissue Culture.
- PI 551424 **origin:** United States. **historical origin:** Poland. **cultivar:** Koralovaya. Perennial. Cultivar. Tissue Culture.

PI 551411 to 551430-continued

- PI 551425 **origin:** United States. **historical origin:** Canada.
origin institute: Agriculture Canada, Research Station,
Kentville, Nova Scotia B4N 1J5. **cultivar:** Bounty.
pedigree: Jerseybelle x Senga Sengana. **remarks:** Tolerant
to leaf spot and leaf scorch. Perennial. Cultivar.
Tissue Culture.
- PI 551426 **origin:** United States. **historical origin:** United States.
origin institute: University of Florida, Agricultural
Research Center, Dover, Florida 33527. **cultivar:** Dover.
pedigree: Florida Belle x USFL 71-189. **other id:**
73-1965E. **remarks:** For fresh market in Western and
Central Florida, resistant to anthracnose. Perennial.
Cultivar. Tissue Culture.
- PI 551427 **origin:** United States. **historical origin:** United States.
origin institute: University of Tennessee, Agricultural
Experiment Station, Knoxville, Tennessee 37901.
cultivar: Tennessee Beauty. **pedigree:** Missionary x
Premier. **other id:** Plant Patent 629. **group:** PREV.
remarks: Constant size, good shipper, good dessert
quality, virus tolerant. Perennial. Cultivar. Tissue
Culture.
- PI 551428 **origin:** United States. **historical origin:** Japan. **origin
institute:** Horticultural Research Station, Nakahara
Hiratsuka, Kanagawa, Maryland. **cultivar:** Morioka 17.
Perennial. Cultivar. Tissue Culture.
- PI 551429 **origin:** United States. **historical origin:** United States.
origin institute: Wyoming State University and, USDA/ARS,
Agricultural Experiment Station, Cheyenne, Wyoming.
cultivar: Fort Laramie. **pedigree:** Geneva x (Earlidawn x
Bemidji Chief). **other id:** Ft. Laramie. **remarks:**
Everbearing, very winter hardy, very susceptible to
mildew. Perennial. Cultivar. Tissue Culture.
- PI 551430 **origin:** United States. **historical origin:** United States.
origin institute: North Carolina State University,
USDA/ARS, Raleigh, North Carolina. **cultivar:** Sentinel.
pedigree: Titan x NC 2967. **remarks:** Large fruit,
attractive, field rot resistant, late to mature.
Perennial. Cultivar. Tissue Culture.

PI 551431 to 551441. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville,
Maryland, United States. Received January 13, 1983.

PI 551431 to 551441-continued

- PI 551431 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Massey. **pedigree:** (Royal Sovereign x Premier) x Blakemore. **remarks:** Adapted to the Southeast Coastal plains, good shipper, very good dessert quality. Perennial. Cultivar. Plant.
- PI 551432 **origin:** United States. **historical origin:** UNKNOWN. **cultivar:** Conrad. **pedigree:** Unknown - may be collected from wild. Perennial. Cultivar. Tissue Culture.
- PI 551433 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Agricultural Experiment Station, Salisbury, Maryland 20742. **cultivar:** Redchief. **pedigree:** NC 1768 x Surecrop. **other id:** MDUS 3609. **remarks:** Resistant to 5 races of red stele and has intermediate resistance to verticillium wilt. Late midseason. Perennial. Cultivar. Tissue Culture.
- PI 551434 **origin:** United States. **origin institute:** USDA/ARS, Glenn Dale, Maryland. **cultivar:** Narcissa. **pedigree:** Royal Sovereign x Howard 17. **remarks:** High dessert quality, resistant to fruit rot in Northwest. Perennial. Cultivar. Tissue Culture.
- PI 551435 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Albritton. **pedigree:** Southland (selfed) x Massey (selfed). **remarks:** Well adapted for freezing and develops a high flavor in North Carolina. Perennial. Cultivar. Tissue Culture.
- PI 551436 **origin:** United States. **historical origin:** Germany. **cultivar:** Direktor Paul Wallbaum. **pedigree:** Georg Soltwedel x Frau Mieke Schindler. **other id:** German Patent. **group:** FORN. **remarks:** Frost susceptible, grown for lateness & good quality. Perennial. Cultivar. Tissue Culture.
- PI 551437 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** Scotland Department of Agriculture, Auchincruive, Ayre, Scotland. **cultivar:** Climax. **pedigree:** OP seedling of Scotland 52 (probably Frith). **other id:** Auchincruive Climax. **remarks:** Formerly cultivated in Britain, has had serious problems with June Yellows. Perennial. Cultivar. Tissue Culture.

PI 551431 to 551441-continued

- PI 551438 **origin:** United States. **origin institute:** USDA/ARS, Glenn Dale, Maryland 20769. **cultivar:** Suwanee. **pedigree:** Missionary x Howard 17. **other id:** US 2183. **remarks:** Resembles Southland in adaptation, uses and limitations. Perennial. Cultivar. Tissue Culture.
- PI 551439 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University and, USDA/ARS, Experiment Station, Willard, North Carolina. **cultivar:** Apollo. **pedigree:** NC 1759 x NC 1729. **other id:** NC 2841. **remarks:** Recommended for southeastern and southcentral US commercial production. Perennial. Cultivar. Tissue Culture.
- PI 551440 **origin:** United States. **historical origin:** United States. **cultivar:** Big Joe. **pedigree:** Unknown. **other id:** Joe. **remarks:** Not cold hardy, large attractive fruit, good shipper. Perennial. Cultivar. Tissue Culture.
- PI 551441 **origin:** United States. **historical origin:** United States. **cultivar:** Robinson. **pedigree:** Howard 17 x Washington. **other id:** Kardinal King. **other id:** Neet. **other id:** Scarlet Beauty. **remarks:** Virus tolerant, partially resistant to leaf spots, susceptible to leaf scorch. Perennial. Cultivar. Tissue Culture.

PI 551442 to 551443. *Fragaria chiloensis* (L.) Duchesne ROSACEAE
Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received July 29, 1981.

- PI 551442 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** DL-40. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Pacific coast. Perennial. Breeding Material. Plant.
- PI 551443 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** DL-39. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Pacific coast. **remarks:** Red stele resistant, female. Perennial. Breeding Material. Plant.

PI 551444 to 551469. *Fragaria chiloensis* (L.) Duchesne ROSACEAE
Strawberry

Donated by: Shanks, C., Washington State University, SW Washington Research Unit, Puyallup, Washington, United States. Received July 29, 1981.

PI 551444 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YSP-14. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Yachats State Park Lincoln County. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele resistant. Perennial. Breeding Material. Plant.

PI 551445 **origin:** United States. **origin institute:** University of California, Dept. Horticulture, Davis, California. **cultivar:** RCP-37 ARD. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Redwood Creek Park. **remarks:** Strawberry aphid resistant, Red Stele resistant. Perennial. Breeding Material. Plant.

PI 551446 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** LCM-19. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Lincoln City Motel. **latitude:** 45 deg. N. **longitude:** 124 deg. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.

PI 551447 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** TDM-08. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Pacific City, Tillamook County. **latitude:** 45 deg. 15 min. N. **longitude:** 125 deg. 57 min. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.

PI 551448 **origin:** United States. **origin institute:** University of California, Dept. Horticulture, Davis, California. **cultivar:** PSG-43. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Point St. George. **latitude:** 37 deg. 25 min. N. **longitude:** 122 deg. 30 min. W. **remarks:** Red Stele susceptible, female. Perennial. Breeding Material. Plant.

PI 551444 to 551469-continued

- PI 551449 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** Del Norte. **pedigree:** Selected from wild in California. **local name:** Beach Strawberry. **locality:** Del Norte. **latitude:** 41 deg. 30 min. N. **longitude:** 124 deg. W. **Perennial.** **Breeding Material.** **Plant.**
- PI 551450 **origin:** United States. **origin institute:** University of California, Dept. Horticulture, Davis, California. **cultivar:** PSG-51. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Point St. George. **latitude:** 37 deg. 25 min. N. **longitude:** 122 deg. 30 min. W. **remarks:** Red Stele resistant, female. **Perennial.** **Breeding Material.** **Plant.**
- PI 551451 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Station, Vancouver, Washington. **cultivar:** CA-12. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Cape Arago State Park, Coos County. **latitude:** 43 deg. 20 min. N. **longitude:** 124 deg. 30 min. W. **elevation:** 10m. **Perennial.** **Breeding Material.** **Plant.**
- PI 551452 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YSP-15. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Yachats State Park, Lincoln County. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele susceptible. **Perennial.** **Breeding Material.** **Plant.**
- PI 551453 **origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** WL-08. **pedigree:** Selected from the wild in Washington. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Westport Light State Park, Grays Harbor County. **latitude:** 46 deg. 53 min. N. **longitude:** 124 deg. 10 min. W. **elevation:** 10m. **remarks:** Red Stele resistant. **Perennial.** **Breeding Material.** **Plant.**

PI 551444 to 551469-continued

- PI 551454 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YSP-18. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Yachats State Park, Lincoln County. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.
- PI 551455 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YB-07. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Yaquina Bay State Park, Lincoln County. **latitude:** 44 deg. 45 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele resistant. Perennial. Breeding Material. Plant.
- PI 551456 **origin:** United States. **origin institute:** Washington State University, SW Washington Research Unit, Vancouver, Washington. **cultivar:** KBT 6-02. **pedigree:** Selected from the wild in Washington. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Kalalock Beach Trail # 6, Olympic National Park. **latitude:** 47 deg. 50 min. N. **longitude:** 124 deg. 45 min. W. **remarks:** Red stele resistant. Perennial. Breeding Material. Plant.
- PI 551457 **origin:** United States. **origin institute:** Washington State University, SW Washington Research Unit, Vancouver, Washington. **cultivar:** KBT 3-08. **pedigree:** Selected from the wild from Washington. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Kalalock Beach Trail # 3, Olympic National Park. **latitude:** 47 deg. 50 min. N. **longitude:** 124 deg. 45 min. W. **remarks:** Red stele resistant selection. Perennial. Breeding Material. Plant.
- PI 551458 **origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** LPB 2-01. **pedigree:** Selected from the wild in Washington. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** La Push Beach # 2, Clallam County. **latitude:** 47 deg. 50 min. N. **longitude:** 124 deg. 45 min. W. **elevation:** 10m. **remarks:** Red stele susceptible. Perennial. Breeding Material. Plant.

PI 551444 to 551469-continued

- PI 551459 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** BSP-14. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Bandon State Park, Bandon, Coos County. **latitude:** 43 deg. 07 min. N. **longitude:** 124 deg. 30 min. W. **elevation:** 10m. **remarks:** Red stele resistant. Perennial. Breeding Material. Plant.
- PI 551460 **origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** LPB 2-14. **pedigree:** Selected from the wild in Washington. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** La Push Beach # 2, Clallam County. **latitude:** 47 deg. 50 min. N. **longitude:** 124 deg. 45 min. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.
- PI 551461 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YSP-07. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Yachats State Park, Lincoln County. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.
- PI 551462 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YSP-24. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Yachats State Park, Lincoln County. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele resistant. Perennial. Breeding Material. Plant.
- PI 551463 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YSP-09. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Yachats State Park, Lincoln County. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.

PI 551444 to 551469-continued

- PI 551464 **origin:** United States. **origin institute:** University of California, Dept. Horticulture, Davis, California. **cultivar:** DL-20. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Dry Lagoon. **remarks:** Red Stele resistant, male. Perennial. Breeding Material. Plant.
- PI 551465 **origin:** United States. **origin institute:** University of California, Dept. Horticulture, Davis, California. **cultivar:** RCP-19. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Redwood Creek Park. **remarks:** Red Stele resistant, male. Perennial. Breeding Material. Plant.
- PI 551466 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** YSP-02. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 14, 1977. **locality:** Yachats State Park, Lincoln County. **latitude:** 44 deg. 24 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.
- PI 551467 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** BSP-03. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Bandon State Park, Bandon, Coos County. **latitude:** 43 deg. 07 min. N. **longitude:** 124 deg. 30 min. W. **elevation:** 10m. **remarks:** Red stele resistant. Perennial. Breeding Material. Plant.
- PI 551468 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Unit, Vancouver, Washington. **cultivar:** LCM-10. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Lincoln Cty Motel, Seahorse, Lincoln County. **latitude:** 45 deg. N. **longitude:** 124 deg. W. **elevation:** 10m. **remarks:** Red Stele susceptible. Perennial. Breeding Material. Plant.
- PI 551469 **origin:** United States. **origin institute:** University of California, Dept. Horticulture, Davis, California. **cultivar:** PSB-51. **pedigree:** Selected from the wild in California. **collected:** August 15, 1977. **locality:** Point Sur Beach. **remarks:** Red Stele susceptible, female. Perennial. Breeding Material. Plant.

PI 551470. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Shanks, C., Washington State University, SW Washington Research Unit, Puyallup, Washington, United States. Received July 29, 1981.

origin: United States. **origin institute:** University of California, Dept. Horticulture, Davis, California.
cultivar: IH-35. **pedigree:** Selected from the wild in California. **local name:** Virginia Strawberry. **collected:** August 15, 1977. **locality:** Ice House. **remarks:** Red stele susceptible. Perennial. Breeding Material. Plant.

PI 551471. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Shanks, C., Washington State University, SW Washington Research Unit, Puyallup, Washington, United States. Received July 29, 1981.

origin: United States. **origin institute:** University of California, Dept. Horticulture, Davis, California.
cultivar: IH 59. **pedigree:** Selected from the wild in California. **local name:** Virginia Strawberry. **collected:** August 15, 1977. **locality:** Ice House. **remarks:** Partial hermaphrodite. Perennial. Breeding Material. Plant.

PI 551472. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: National Seed Storage Lab., Colorado State University, Fort Collins, Colorado, United States. Received May 28, 1981.

origin: United States. **origin institute:** University of Alaska, Agricultural Experiment Station, Palmer, Alaska.
pedigree: Sitka D. x Red Rich. **collected:** 1962.
remarks: Everbearing, cold hardy, red flesh. Perennial. Breeding Material. Plant.

PI 551473 to 551475. *Fragaria* hybrid ROSACEAE Strawberry

Donated by: National Seed Storage Lab., Colorado State University, Fort Collins, Colorado, United States. Received April 27, 1981.

PI 551473 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CFRA 1042. Perennial. Breeding Material. Plant.

PI 551473 to 551475-continued

PI 551474 **origin:** United States. **origin institute:** University of Alaska, Agricultural Experiment Station, Palmer, Alaska. **pedigree:** Sitka D. x Dixieland. **collected:** 1961. **remarks:** High quality fruit in Alaska, cold hardy, vigorous. Perennial. Breeding Material. Seed.

PI 551475 **origin:** United States. **origin institute:** University of Alaska, Agricultural Research Station, Palmer, Alaska. **cultivar:** Sitka Hybrid D.. **pedigree:** Sitka hybrid selection D selfed. **collected:** 1962. Perennial. Breeding Material. Plant.

PI 551476 to 551488. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received February 28, 1983.

PI 551476 **origin:** United States. **historical origin:** France. **cultivar:** Liberation D'Orleans. **remarks:** Everbearing, good quality. Perennial. Cultivar. Tissue Culture.

PI 551477 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, College Park, Maryland. **cultivar:** Pocahontas. **pedigree:** Tennessee Shipper x Midland. **other id:** US 3745. **remarks:** Ripens early, plants vigorous and runner freely. Productive variety for the northern Blakemore area. Perennial. Cultivar. Tissue Culture.

PI 551478 **origin:** United States. **historical origin:** United States. **cultivar:** Berkeley. **pedigree:** Unknown source, wild type according to McGrew. Perennial. Cultivar. Tissue Culture.

PI 551479 **origin:** United States. **origin institute:** USDA/ARS, Experiment Station, Glenn Dale, Maryland 20769. **cultivar:** Fairfax. **pedigree:** Royal Sovereign x Howard 17. **other id:** Black. **other id:** Black Hornet. **other id:** Cumberbund. **remarks:** Excellent dessert quality, medium early, resistant to leaf spots and leaf scorch. Perennial. Cultivar. Tissue Culture.

PI 551480 **origin:** United States. **cultivar:** Our own. **pedigree:** Gem x Temple. **other id:** Our Own. **other id:** Plant Patent 3814. **group:** PLNT. **remarks:** Good dessert quality, excellent for freezing. Perennial. Cultivar. Tissue Culture.

PI 551476 to 551488-continued

- PI 551481 **origin:** United States. **historical origin:** United States. **origin institute:** Louisiana State University, Agricultural Experiment Station, Baton Rouge, Louisiana 70893. **cultivar:** Tangi. **pedigree:** L-59-2012 x L-59-1938. **remarks:** Adapted to the Gulf Coast region, susceptible to antrhacnose and powdery mildew. Perennial. Cultivar. Tissue Culture.
- PI 551482 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Agricultural Experiment Station, Salisbury, Maryland. **cultivar:** Sunrise. **pedigree:** USMD 4152 x Stelemaster. **other id:** MDUS 2601. **remarks:** For south midwestern USA, good dessert quality. Perennial. Cultivar. Tissue Culture.
- PI 551483 **origin:** United States. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Haagsteeg 3 6708 PM, Wageningen, Maryland. **cultivar:** Gorella. **pedigree:** Juspa x US 3763. **remarks:** Good flavor, constant size, plant sometimes 4-5 foliate. Perennial. Cultivar. Tissue Culture.
- PI 551484 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Research Station, Geneva, New York 14456. **cultivar:** Fletcher. **pedigree:** Midland x Suwannee. **other id:** NY 423. **remarks:** Very good to excellent flavor, very good for freezing, runners freely, midseason. Perennial. Cultivar. Tissue Culture.
- PI 551485 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Agricultural Experiment Station, Salisbury, Maryland. **cultivar:** Darrow. **pedigree:** (Redglow x Surecrop) x MDUS 2787. **remarks:** Good flavor, handles well, multiple red stele resistance. Perennial. Cultivar. Tissue Culture.
- PI 551486 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Garnet. **pedigree:** Midland x Suwannee. **other id:** NY 430. **remarks:** Good quality, attractive. Perennial. Cultivar. Tissue Culture.
- PI 551487 **origin:** United States. **historical origin:** United States. **cultivar:** Beaver. **pedigree:** Dr. Burrill x Howard 17. **remarks:** Fair quality, ships well, adapted to light, sandy soils Confusion potential with Beaver from Dayton, Ohio (1906). Perennial. Cultivar. Tissue Culture.

PI 551476 to 551488-continued

PI 551488 **origin:** United States. **historical origin:** United States.
origin institute: North Carolina State University,
USDA/ARS, Raleigh, North Carolina. **cultivar:** Prelude.
pedigree: Titan x NC 2967. **other id:** NC 3419. **remarks:**
Adapt to the Southern Coastal plains & Piedmont,
excellent quality. Perennial. Cultivar. Tissue
Culture.

PI 551489 to 551494. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University,
Horticulture Department, Corvallis, Oregon, United States. Received
February 30, 1981.

PI 551489 **origin:** United States. **historical origin:** United States.
origin institute: University of California, Agricultural
Experiment Station, Davis, California. **cultivar:** Aiko.
pedigree: CAL 46.5-1 x CAL 59.51-11. **other id:** Plant
Patent 3981. **group:** PLNT. **remarks:** Uniform bearing,
long season, very productive in central California.
Perennial. Cultivar. Plant.

PI 551490 **origin:** United States. **historical origin:** United States.
origin institute: University of California, Agricultural
Experiment Station, Davis, California 95616. **cultivar:**
Hecker. **pedigree:** CA 69.96-101 x CA 65.65-601. **other
id:** Plant Patent ?. **group:** PLNT. **remarks:** Small plant,
day neutral, for home gardens. Perennial. Cultivar.
Plant.

PI 551491 **origin:** United States. **historical origin:** United States.
origin institute: University of California, South Coast
Field Station, Santa Ana, California. **cultivar:** Tufts.
pedigree: CA 46.5-1 x Tioga. **other id:** CA 63.120-11.
other id: Plant Patent 3561. **group:** PLNT. **remarks:**
Large fruit, firm, handles well, low chill. Perennial.
Cultivar. Plant.

PI 551492 **origin:** United States. **historical origin:** United States.
origin institute: University of California, Agricultural
Experiment Station, Davis, California 95616. **cultivar:**
Douglas. **pedigree:** Tufts x 64.57-108. **other id:** C51.
other id: Plant Patent ?. **group:** PLNT. **remarks:** Early,
large fruited and high yielding, principal south coastal
cultivar in winter plantings until Chandler. Perennial.
Cultivar. Plant.

PI 551489 to 551494-continued

PI 551493 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Experiment Station, Puyallup, Washington. **cultivar:** Shuksan. **pedigree:** (Northwest x Sierra) x Columbia. **remarks:** Abrasion resistant. For fresh and processing Resistant to red stele races A-1,A-3. Perennial. Cultivar. Plant.

PI 551494 **origin:** United States. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Berkeley, California 94720. **cultivar:** Brighton. **pedigree:** Tufts x 65.65-601. **other id:** Plant Patent ?. **group:** PLNT. **remarks:** First in the UC day-neutral group. Perennial. Cultivar. Plant.

PI 551495 to 551497. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received February 17, 1982.

PI 551495 **origin:** United States. **origin institute:** University of California, Berkeley, California 94720. **cultivar:** UC-11. **pedigree:** Seedling of UC10 x M1. **other id:** Pending. **group:** PEND. **remarks:** Used as a virus indicator. Perennial. Breeding Material. Plant.

PI 551496 **origin:** United States. **origin institute:** University of California, Berkeley, California 94720. **cultivar:** UC-10. **pedigree:** Seedling of an open-pollinated fruit of M1. **other id:** Pending. **group:** PEND. **remarks:** Used as a virus indicator. Perennial. Breeding Material. Plant.

PI 551497 **origin:** United States. **origin institute:** University of California, Berkeley, California 94720. **cultivar:** UC-12. **pedigree:** Seedling of an open-pollinated fruit of UC10. **other id:** Pending. **group:** PEND. **remarks:** Used as a virus indicator. Perennial. Breeding Material. Plant.

PI 551498. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received February 17, 1982.

origin: United States. **origin institute:** University of California, Berkeley, California 94720. **cultivar:** UC-04. **pedigree:** Seedling of 4A4 x UC10. **other id:** Pending. **group:** PEND. **remarks:** Used as a virus indicator. Perennial. Breeding Material. Plant.

PI 551499 to 551506. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received March 04, 1982.

PI 551499 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Northwest. **pedigree:** Brightmore x ORUS 456. **other id:** WA 220. **remarks:** Replaces Marshall in Northwest, very good dessert quality, very good for freezing. Perennial. Cultivar. Plant.

PI 551500 **origin:** United States. **origin institute:** USDA/ARS and, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Linn. **pedigree:** MDUS 3184 x ORUS 2414. **other id:** ORUS 4005. **remarks:** Introduced for good handling & machine harvest qualities Good field tolerance to red stele. Perennial. Cultivar. Plant.

PI 551501 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Agassiz, British Columbia. **cultivar:** Totem. **pedigree:** Puget Beauty x Northwest. **remarks:** Resistant to mildew and red stele, some fruit rot resistance. Perennial. Cultivar. Plant.

PI 551502 **origin:** United States. **origin institute:** Oregon State University, USDA/ARS, Corvallis, Oregon 97331. **cultivar:** Hood. **pedigree:** ORUS 2315 x Puget Beauty. **remarks:** Good dessert quality, very good for preserves, resistant to mildew and foliage diseases in the Pacific Northwest. Perennial. Cultivar. Plant.

PI 551503 **origin:** United States. **origin institute:** USDA/ARS and, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** Benton. **pedigree:** ORUS 2414 x Vale. **other id:** ORUS 2785. **remarks:** Consistent, vigorous, developed mainly for fresh market Very good flavor for fresh and for processing. Perennial. Cultivar. Plant.

PI 551504 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Olympus. **pedigree:** Mollala x Columbia. **other id:** WSU 1142. **remarks:** Good for processing, developed for Northwest conditions. Perennial. Cultivar. Plant.

PI 551499 to 551506-continued

PI 551505 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Rainier. **pedigree:** (Northwest x Sierra) x Columbia. **remarks:** Constant large size, for processing and fresh market in the Pacific Northwest. Perennial. Cultivar. Plant.

PI 551506 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Research Station, Puyallup, Washington 98371. **cultivar:** Puget Beauty. **pedigree:** USOR 1765 x Sparkle. **other id:** WA 518. **remarks:** Adapted to moderately heavy, poorly-drained soils, blooms after Marshall. Perennial. Cultivar. Plant.

PI 551507 to 551508. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Burpee Company, Fordhood Farm, Doylestown, Pennsylvania, United States. Received April 07, 1983.

PI 551507 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** Alpine Baron Soelmacher. **pedigree:** Uncertain, probably a seedling selection of *F. vesca*. **remarks:** This seed germinated for virus indicator seedlings. Perennial. Cultivar. Plant.

PI 551508 **origin:** United States. **cultivar:** Ruegen. **pedigree:** Uncertain, probably a seedling selection of *F. vesca*. **other id:** Ruegen Improved. Perennial. Cultivar. Plant.

PI 551509. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received April 01, 1982.

origin: United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Experiment Station, Agassiz, British Columbia. **cultivar:** Cheam. **pedigree:** Siletz x Puget Beauty. **other id:** BC3 and 59-22-38. **remarks:** Tolerant to most races of *Phytophthora fragariae*, susceptible to fruit rot. Perennial. Cultivar. Plant.

PI 551510. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received February 28, 1983.

PI 551510-continued

origin: United States. **historical origin:** France.
cultivar: Appelever. Perennial. Cultivar. Tissue Culture.

PI 551511. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 01, 1980.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** September 01, 1980. **locality:** McGruder Campground, Tillamook. **latitude:** 45 deg. 29 min. N. **longitude:** 123 deg. 55 min. W. **elevation:** 200m. Perennial. Wild. Plant.

PI 551512. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Shanks, C., Washington State University, SW Washington Research Unit, Puyallup, Washington, United States. Received May 31, 1981.

origin: United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Center, Vancouver, Washington. **cultivar:** TR-04. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **collected:** August 15, 1977. **locality:** Twin Rock, Rockaway. **latitude:** 45 deg. 40 min. N. **longitude:** 123 deg. 58 min. W. **elevation:** 10m. **remarks:** Red Stele resistant. Perennial. Breeding Material. Plant.

PI 551513 to 551514. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received April 02, 1982.

PI 551513 **origin:** United States. **origin institute:** University of California, Berkeley, California 94720. **cultivar:** UC-05. **pedigree:** Seedling of 4A4 x UC10. **other id:** Pending. **group:** PEND. **remarks:** Used as a virus indicator. Perennial. Breeding Material. Plant.

PI 551514 **origin:** United States. **origin institute:** University of California, Berkeley, California 94720. **cultivar:** UC-06. **pedigree:** Seedling of FV72 x M1. **other id:** Pending. **group:** PEND. **remarks:** Used as a virus indicator. Perennial. Breeding Material. Plant.

PI 551515. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Chandler, Jim, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 15, 1980.

origin: United States. **pedigree:** Collected from the wild in Montana. **local name:** Virginia Strawberry. **collected:** August 15, 1980. **locality:** Polson (near Flathead Lk). **latitude:** 47 deg. 45 min. N. **longitude:** 114 deg. 12 min. W. **elevation:** 1000m. Perennial. Wild. Plant.

PI 551516. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 1980.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** September 1980. **locality:** Lake Almanor. Perennial. Wild. Plant.

PI 551517. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: France. **cultivar:** Alpine. **collected:** June 30, 1982. Perennial. Cultivar. Seed.

PI 551518. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 11, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** September 19, 1981. **locality:** Pacific Crest Trail, Sisters (9 KM), Deschutes County. **latitude:** 44 deg. 21 min. N. **longitude:** 121 deg. 32 min. W. **elevation:** 1250m. Perennial. Wild. Plant.

PI 551519. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 15, 1981.

PI 551519-continued

origin: United States. **pedigree:** Collected from the wild in Iowa. **local name:** Woodland Strawberry. **collected:** July 1981. **locality:** Dry open woods near Fort Dodge. **latitude:** 42 deg. 20 min. N. **longitude:** 94 deg. 10 min. W. **Perennial.** Wild. Plant.

PI 551520. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received December 09, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** August 01, 1981. **locality:** Ellmaker State Park near Eddyville. **latitude:** 44 deg. 40 min. N. **longitude:** 123 deg. 30 min. W. **Perennial.** Wild. Plant.

PI 551521. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 15, 1981.

origin: United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Virginia Strawberry. **collected:** July 10, 1981. **locality:** Red Hills Campground, Moran. **latitude:** 43 deg. 53 min. N. **longitude:** 110 deg. 37 min. W. **elevation:** 3000m. **Perennial.** Wild. Plant.

PI 551522. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt
ROSACEAE Strawberry

Donated by: Chandler, Jim, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 15, 1981.

origin: United States. **pedigree:** Collected from the wild in Montana. **local name:** Virginia Strawberry. **collected:** August 1981. **locality:** Anaconda 75KM Sapphire Mts. **latitude:** 46 deg. 07 min. N. **longitude:** 113 deg. 00 min. W. **elevation:** 2500m. **Perennial.** Wild. Plant.

PI 551523 to 551524. *Fragaria vesca* subsp. *bracteata* (A. A. Heller)
Staudt ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received November 09, 1982.

PI 551523 to 551524-continued

PI 551523 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Woodland Strawberry. **collected:** July 10, 1981. **locality:** Jackson 13 KM, Gros Ventre. **latitude:** 43 deg. 30 min. N. **longitude:** 110 deg. 49 min. W. **elevation:** 2500m. Perennial. Wild. Plant.

PI 551524 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Woodland Strawberry. **collected:** July 09, 1981. **locality:** Grand Teton Nat. Park. **latitude:** 43 deg. 54 min. N. **longitude:** 111 deg. 50 min. W. **elevation:** 2500m. Perennial. Wild. Plant.

PI 551525. *Fragaria vesca* subsp. *bracteata* (A. A. Heller) Staudt
ROSACEAE Strawberry

Donated by: Chandler, Jim, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 15, 1981.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** Woodland Strawberry. **collected:** August 1981. **locality:** Darby 50KM, Salmon River. **latitude:** 46 deg. 00 min. N. **longitude:** 114 deg. 20 min. W. **elevation:** 2500m. Perennial. Wild. Plant.

PI 551526. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received November 09, 1982.

origin: United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Virginia Strawberry. **collected:** July 09, 1981. **locality:** Grand Teton Nat Park. **latitude:** 43 deg. 54 min. N. **longitude:** 111 deg. 50 min. W. **elevation:** 2500m. Perennial. Wild. Plant.

PI 551527. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received November 09, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** September 19, 1981. **locality:** S. Santiam Pass, near Sisters (9 KM), Linn County. **latitude:** 44 deg. 21 min. N. **longitude:** 121 deg. 32 min. W. **elevation:** 1250m. Perennial. Wild. Plant.

PI 551528. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received January 13, 1983.

origin: United States. **historical origin:** France.
cultivar: Capron. Perennial. Cultivar. Tissue Culture.

PI 551529 to 551545. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received March 22, 1983.

PI 551529 **origin:** United States. **historical origin:** United States.
origin institute: University of Arkansas, Agricultural Experiment Station, Bold Knob, Arkansas 72701.
cultivar: ArKing. **pedigree:** Cardinal x ARK 5431. **other id:** ARK 6224. **remarks:** Large attract fruit, good aroma & flavor, multiple red stele resistance. Developed for Arkansas. Perennial. Cultivar. Tissue Culture.

PI 551530 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** Scottish Hort. Research Institute, Auchincruive, Ayre,, Scotland. **cultivar:** Red Gauntlet. **pedigree:** NJ 1051 x Auchincruive Climax. **other id:** Redgauntlet. **remarks:** Resistant to some races of red core root rot. Perennial. Cultivar. Tissue Culture.

PI 551531 **origin:** United States. **historical origin:** United States. **origin institute:** Heart-O-Michigan Farms and Nurseries, Farwell, Michigan. **cultivar:** Gem. **pedigree:** Bud mutation of Champion Everbearing. **other id:** Brilliant. **other id:** Superfection. **other id:** Gem Everbearing. **remarks:** A leading everbearer, good dessert quality, leaf scorch resistant. Perennial. Cultivar. Tissue Culture.

PI 551532 **origin:** United States. **origin institute:** USDA/ARS, Glenn Dale, Maryland 20769. **cultivar:** Midland. **pedigree:** Howard 17 x Redheart. **other id:** USDA 1812. **remarks:** Excellent dessert quality, ripens very early, freezes well Sensitive to viruses. Perennial. Cultivar. Tissue Culture.

PI 551533 **origin:** United States. **historical origin:** Japan. **origin institute:** Horticultural Research Station, Kurume, Maryland. **cultivar:** Benizuru. **other id:** Benizura. **remarks:** High temperature resistant, very early. Perennial. Cultivar. Tissue Culture.

PI 551529 to 551545-continued

- PI 551534 **origin:** United States. **historical origin:** France. **origin institute:** INRA, Montfavet, Maryland. **cultivar:** Belrubi. **pedigree:** Pocahontas x Redcoat. **remarks:** Outstanding fruit quality, adapted to high pH soils. Perennial. Cultivar. Tissue Culture.
- PI 551535 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University and, USDA/ARS, Agricultural Experiment Station, Willard, North Carolina. **cultivar:** Atlas. **pedigree:** NC 1759 x Albritton. **remarks:** Resistant to leaf scorch but susceptible to powdery mildew Adapted to the South. Perennial. Cultivar. Tissue Culture.
- PI 551536 **origin:** United States. **historical origin:** Japan. **cultivar:** Harunoka. Perennial. Cultivar. Tissue Culture.
- PI 551537 **origin:** United States. **historical origin:** Taiwan. **cultivar:** Kaoling. Perennial. Cultivar. Tissue Culture.
- PI 551538 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Agricultural Research Station, Salisbury, Maryland 20742. **cultivar:** Midway. **pedigree:** Dixieland x Temple. **other id:** MDUS 2389. **remarks:** Good dessert quality, size maintained over season. Perennial. Cultivar. Tissue Culture.
- PI 551539 **origin:** United States. **historical origin:** United States. **origin institute:** Nebraska State University, Agricultural Experiment Station, Nebraska. **cultivar:** Ogallala. **pedigree:** (Rockhill x Cheyenne 3) x (Midland x Cheyenne 2). **other id:** NP 47222-1. **remarks:** Adapted to Northern Great Plains, everbearing. Perennial. Cultivar. Tissue Culture.
- PI 551540 **origin:** United States. **historical origin:** United States. **origin institute:** University of Arkansas, Agricultural Experiment Station, Fayetteville, Arkansas 72701. **cultivar:** Cardinal. **pedigree:** Earlibelle x Ark 5063. **remarks:** Large fruit, adapted to Arkansas. Perennial. Cultivar. Tissue Culture.
- PI 551541 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** Private Breeder, Poole, Dorset, England. **cultivar:** Aromel. **pedigree:** Uncertain. **other id:** UK Breeders Rights. **group:** FORN. Perennial. Cultivar. Tissue Culture.

PI 551529 to 551545-continued

PI 551542 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Canoga. **pedigree:** (Senga Sengana x Midland) x Holiday. **other id:** NY 1362. **remarks:** Large fruit, dark red throughout and very firm. Low in sugars but with Holiday's distinctive aroma. Perennial. Cultivar. Tissue Culture.

PI 551543 **origin:** United States. **historical origin:** United States. **origin institute:** Missouri State University, Agricultural Experiment Station, Columbia, Missouri 65211. **cultivar:** Armore. **pedigree:** Blakemore x Aroma. **other id:** Red Cluster. **remarks:** Very sweet, ships well, quality holds thru season. Perennial. Cultivar. Tissue Culture.

PI 551544 **origin:** United States. **origin institute:** USDA/ARS, BARC-West, Beltsville, Maryland. **cultivar:** Early Midway. **pedigree:** Mutation of cultivar Midway. **remarks:** This clone is a mutation of Midway that ripens 5 days earlier than its parent, and has a different color. Perennial. Cultivar. Tissue Culture.

PI 551545 **origin:** United States. **historical origin:** United States. **origin institute:** Winn's Berry Farms, Westfork, Arkansas. **cultivar:** Ozark Beauty. **pedigree:** Redrich x Twentieth Century. **remarks:** Mild sweet flavor, glossy, resembles Twentieth Century. Perennial. Cultivar. Tissue Culture.

PI 551546. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received February 28, 1983.

origin: Chile. **historical origin:** United States. **origin institute:** USDA/ARS, Hort Crops Research Division, Beltsville, Maryland. **cultivar:** Darrow 5. **pedigree:** Selected from the wild in Chile. **collected:** December 1956. **locality:** Along the coast at Locato. **latitude:** 35 deg. S. **longitude:** 72 deg. W. Perennial. Breeding Material. Tissue Culture.

PI 551547. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Mageau, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received July 28, 1988.

PI 551547-continued

origin: United States. **historical origin:** United States.
origin institute: University of Minnesota, Experiment
Station, Excelsior, Minnesota. **cultivar:** Trumpeter.
pedigree: Burgundy x (Howard 17 x self). **other id:** Minn.
SY 445. **remarks:** Good flavor, good quality, virus
tolerant. Perennial. Cultivar. Tissue Culture.

PI 551548. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville,
Maryland, United States. Received February 22, 1983.

origin: United States. **historical origin:** United States.
origin institute: University of California, Agricultural
Experiment Station, Davis, California 95616. **cultivar:**
Tioga. **pedigree:** Lassen x CAL 42.8-16. **remarks:** Grown
in California and Florida, ships well to distant markets.
Perennial. Cultivar. Tissue Culture.

PI 551549. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville,
Maryland, United States. Received February 28, 1983.

origin: United States. **historical origin:** Italy.
cultivar: Profumata di Tortona. **pedigree:** Selection of
F. moschata. **remarks:** Popular in Italy. Perennial.
Cultivar. Tissue Culture.

PI 551550. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville,
Maryland, United States. Received March 22, 1983.

origin: UNCERTAIN. **remarks:** Pistillate clone.
Perennial. Breeding Material. Tissue Culture.

PI 551551 to 551552. *Fragaria vesca* var. *crinita* (Rydb.) C. Hitchc.
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 20, 1983.

PI 551551 to 551552-continued

PI 551551 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 08, 1983. **locality:** Ochoco Summit Campground between Mitchell and Prineville. **latitude:** 44 deg. 30 min. N. **longitude:** 120 deg. 30 min. W. **elevation:** 1375m. **remarks:** Leaves medium green with conspicuous veins, plants numerous and small, fruit just beginning to ripen. Perennial. Wild. Plant.

PI 551552 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 08, 1983. **locality:** Ochoco Summit Campground between Mitchell and Prineville. **latitude:** 44 deg. 30 min. N. **longitude:** 120 deg. 30 min. W. **elevation:** 1375m. **remarks:** Seedlot collected from CFRA 174 at site. Perennial. Wild. Seed.

PI 551553. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 20, 1983.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** July 08, 1983. **locality:** Ochoco Summit Campground between Mitchell and Prineville. **latitude:** 44 deg. 30 min. N. **longitude:** 120 deg. 30 min. W. **elevation:** 1375m. **remarks:** Seedlot collected from CFRA 173 at site. Perennial. Wild. Seed.

PI 551554 to 551570. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received July 27, 1983.

PI 551554 **origin:** United States. **historical origin:** France. **cultivar:** Marala. **other id:** French patent. **group:** FORN. Perennial. Cultivar. Tissue Culture.

PI 551555 **origin:** United States. **historical origin:** Denmark. **cultivar:** Rubin. Perennial. Cultivar. Tissue Culture.

PI 551556 **origin:** United States. **historical origin:** France. **cultivar:** Superbe remontant Delbard. **pedigree:** Seedling selection. **remarks:** This clone is an everbearing selection. Perennial. Cultivar. Tissue Culture.

PI 551554 to 551570-continued

- PI 551557 **origin:** United States. **historical origin:** Japan. **origin institute:** Kurume Branch, Horticultural Research Station, Kurume, Maryland. **cultivar:** Yachiyo. **pedigree:** Lassen x America. Perennial. Cultivar. Tissue Culture.
- PI 551558 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Beltsville, Maryland. **cultivar:** Temple. **pedigree:** Aberdeen x Fairfax. **remarks:** Highly resistant to red stele. Perennial. Cultivar. Tissue Culture.
- PI 551559 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, Agricultural Experiment Station, New Brunswick, New Jersey 08903. **cultivar:** Sparkle. **pedigree:** Fairfax x Aberdeen. **other id:** Paymaster. **remarks:** Resistant to some races of red stele and partially resistant to leaf spots, susceptible to virus diseases. Perennial. Cultivar. Tissue Culture.
- PI 551560 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Rosanne. **pedigree:** NC 3140 x self. **remarks:** Unique flavor, roselike aroma, late to ripen. Fruit is symmetrical, pale colored and rot resistant. Perennial. Cultivar. Tissue Culture.
- PI 551561 **origin:** United States. **historical origin:** Netherlands. **origin institute:** Hort. Inst. Plant Breeding, IVT, Wagenigan, Maryland. **cultivar:** Sivetta. Perennial. Cultivar. Tissue Culture.
- PI 551562 **origin:** United States. **historical origin:** United States. **cultivar:** Merrimack. **pedigree:** NH 179 x Fairpeak. **remarks:** Adapted to the Northeast, sweet, free from harmful viruses. Perennial. Cultivar. Tissue Culture.
- PI 551563 **origin:** United States. **historical origin:** France. **cultivar:** Profusion. Perennial. Cultivar. Tissue Culture.
- PI 551564 **origin:** United States. **historical origin:** United States. **cultivar:** Klondike. **pedigree:** Pickerproof x Hoffman. **remarks:** Firm, good shipper, has been replaced by other vars. Perennial. Cultivar. Tissue Culture.

PI 551554 to 551570-continued

- PI 551565 **origin:** United States. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Berkeley, California 94720. **cultivar:** Donner. **pedigree:** CAL 145.52 x CAL 222. **other id:** Calif. 579.4. **remarks:** Highly susceptible to verticillium wilt, poor shipper No longer in production in California. Perennial. Cultivar. Tissue Culture.
- PI 551566 **origin:** United States. **historical origin:** Germany. **cultivar:** Deutschland. Perennial. Cultivar. Tissue Culture.
- PI 551567 **origin:** United States. **historical origin:** Germany. **cultivar:** Grandee. **other id:** Hummi Grandee. Perennial. Cultivar. Tissue Culture.
- PI 551568 **origin:** United States. **historical origin:** United States. **cultivar:** Senator Dunlap. **pedigree:** Crescent x Cumberland Triumph. **remarks:** Extremely hardy, was popular in Canada & Northern USA. Perennial. Cultivar. Tissue Culture.
- PI 551569 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Empire. **pedigree:** Dresden x Sparkle. **remarks:** Midseason to late, very productive, susceptible to leaf spot. Perennial. Cultivar. Tissue Culture.
- PI 551570 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Fortune. **pedigree:** USDA 2827 x self. **other id:** NY 386. **remarks:** Recommended for home gardens and local markets. Perennial. Cultivar. Tissue Culture.

PI 551571. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 15, 1983.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** August 11, 1983. **locality:** Willamette Nat'l Forest near McKenzie Bridge. **latitude:** 44 deg. 35 min. N. **longitude:** 122 deg. W. **elevation:** 1420m. **remarks:** Small plants, blue grey cast to leaves. Perennial. Wild. Seed.

PI 551572 to 551573. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Westwood, M.N., USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 17, 1983.

PI 551572 **origin:** United States. **pedigree:** Collected from the wild in Hawaii (not native to Hawaii). **local name:** Woodland Strawberry. **collected:** August 08, 1983. **locality:** Volcano Exp. Station 4. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 20 min. W. **elevation:** 1160m. **remarks:** Plants usually small, no runners seen here, fruit pure white Seems well adapted to higher meadows and open forest sites. Perennial. Wild. Seed.

PI 551573 **origin:** United States. **pedigree:** Collected from the wild in Hawaii (not native to Hawaii). **local name:** Woodland Strawberry. **collected:** August 10, 1983. **locality:** Forest Reservation Kapapala Ranch 4. **latitude:** 19 deg. 24 min. N. **longitude:** 155 deg. 36 min. W. **elevation:** 2135m. **remarks:** Plants small, no runners seen here, fruit small and pure white. Perennial. Wild. Seed.

PI 551574 to 551575. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received October 03, 1983.

PI 551574 **origin:** United States. **historical origin:** Japan. **origin institute:** Kurume Branch, Horticultural Research, Station, Kurume, Maryland. **cultivar:** Kurume. **other id:** Kurumi. Perennial. Cultivar. Tissue Culture.

PI 551575 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Experiment Station, Ottawa, Ontario K1A 0C6. **cultivar:** Louise. **pedigree:** Ettersburg 80 x self. **remarks:** Still a recommended variety in Newfoundland. Perennial. Cultivar. Tissue Culture.

PI 551576. *Fragaria gracilis* Los.-Losinsk. ROSACEAE Strawberry

Donated by: Defeyeo, R., USDA/ARS/NEA, National Arboretum, Washington, District of Columbia, United States. Received September 15, 1983.

origin: China. **pedigree:** Collected from the wild in China. **collected:** 1980. **locality:** Shennongjia forest, Chiufeng Pass. western Hubei Province. **elevation:** 3000m. **remarks:** Perennial compact groundcover, strongly stoloniferous, producing multiple sets of plantlets. Perennial. Wild. Plant.

PI 551577 to 551578. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Evans, W.D., University of Guelph, Department of Horticulture, Guelph, Ontario, Canada. Received December 19, 1983.

PI 551577 **origin:** Canada. **origin institute:** University of Guelph, Dept. Horticulture, Guelph, Ontario N1G 2W1. **cultivar:** Guelph S01. **pedigree:** *F. moschata* x *F. nubicola*. **remarks:** Synthetic octoploid. Perennial. Breeding Material. Plant.

PI 551578 **origin:** Canada. **origin institute:** University of Guelph, Dept. Horticulture, Guelph, Ontario N1G 2W1. **cultivar:** Guelph S02. **pedigree:** Amphidiploid x *F. moupinensis*. **remarks:** This clone is a synthetic octoploid. Perennial. Breeding Material. Plant.

PI 551579 to 551581. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Craig, D.L., Agriculture Canada, Kentville Research Station, Kentville, Nova Scotia, Canada. Received December 19, 1983.

PI 551579 **origin:** Canada. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Haagsteeg 3 6708 PM, Wageningen, Nova Scotia. **cultivar:** Elsanta. **pedigree:** Gorella x Holiday. **other id:** European license. **group:** FORN. Perennial. Cultivar. Plant.

PI 551580 **origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia B4N 1J5. **cultivar:** Glooscap. **pedigree:** Micmac x Bounty. **other id:** K74-12. Perennial. Cultivar. Plant.

PI 551581 **origin:** Canada. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Wageningen, Nova Scotia. **cultivar:** Korona. **pedigree:** Tamella x Induka. **other id:** Plant Patent ?. **group:** PLNT. **remarks:** Large fruit, good quality, aroma & taste. Perennial. Cultivar. Plant.

PI 551582. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Ito, P.J., Agricultural Experiment Station, 461 Lanikaula Street, Hilo, Hawaii, United States. Received January 28, 1984.

origin: Australia. **pedigree:** Collected from the wild in Australia. **collected:** 1983. **remarks:** Thimbleberry type. Perennial. Wild. Seed.

PI 551583. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received February 15, 1984.

origin: United States. **historical origin:** France.
cultivar: Capron. Perennial. Cultivar. Tissue Culture.

PI 551584 to 551603. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McGrew, J.R., USDA/ARS/NER, BARC-West, Beltsville, Maryland, United States. Received February 15, 1984.

PI 551584 **origin:** United States. **historical origin:** United States.
origin institute: Louisiana State University, Agricultural Experiment Station, Baton Rouge, Louisiana 70893. **cultivar:** Dabreak. **pedigree:** Headliner x LA3-1169. **other id:** LA 5-325. **remarks:** Berries are large and very attractive, color medium red, very productive and early. Perennial. Cultivar. Tissue Culture.

PI 551585 **origin:** United States. **historical origin:** United States.
origin institute: Southern Illinois University, USDA/ARS, Carbondale, Illinois. **cultivar:** Delite. **pedigree:** Albritton x MDUS 2650. **remarks:** Late midseason, large fruit. Disease resistant, productive, runners freely. Perennial. Cultivar. Tissue Culture.

PI 551586 **origin:** United States. **historical origin:** United States.
origin institute: Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Geneva. **pedigree:** NY 316 x Redrich. **other id:** NY 547. **remarks:** Recommended for home garden and local use. Perennial. Cultivar. Tissue Culture.

PI 551587 **origin:** United States. **historical origin:** United States.
origin institute: University of Wisconsin, Agricultural Experiment Station, Sturgeon Bay, Wisconsin 54235. **cultivar:** Gilbert. **pedigree:** Cyclone x Badgerglo. **other id:** WI 7028. **remarks:** Large fruit, easy picker, winter hardy, good freezer. Perennial. Cultivar. Tissue Culture.

PI 551588 **origin:** United States. **historical origin:** United States.
origin institute: Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Honeoye. **pedigree:** Vibrant x Holiday. **other id:** NY 1409. **remarks:** Large fruit, runners freely, very winter-hardy. Perennial. Cultivar. Tissue Culture.

PI 551584 to 551603-continued

- PI 551589 **origin:** United States. **historical origin:** Canada.
origin institute: Agriculture Canada, Research Station,
Kentville, Nova Scotia B4N 1J5. **cultivar:** Kent.
pedigree: (Redquantlet x Tioga) x Raritan. **other id:**
K74-10. **remarks:** Large fruit, good quality. Perennial.
Cultivar. Tissue Culture.
- PI 551590 **origin:** United States. **historical origin:** USSR.
cultivar: Komsomalka. **remarks:** Hardy, widely grown in
USSR. Perennial. Cultivar. Tissue Culture.
- PI 551591 **origin:** United States. **historical origin:** Poland.
cultivar: Marsyalakaya. Perennial. Cultivar. Tissue
Culture.
- PI 551592 **origin:** United States. **historical origin:** United States.
origin institute: University of Minnesota, St. Paul,
Minnesota. **cultivar:** Northland. **pedigree:** Burgandy x
Premier. **other id:** MN 1868. Perennial. Cultivar.
Tissue Culture.
- PI 551593 **origin:** United States. **historical origin:** United States.
cultivar: Howard 17 (Premier). **pedigree:** Crescent x
Howard 1. **other id:** Premiere. **remarks:** Premier and
Howard 17 have foliage indistinguishable from each other,
altho Premier has fewer runners. Perennial. Cultivar.
Tissue Culture.
- PI 551594 **origin:** United States. **historical origin:** Poland.
cultivar: Podnyaya Zagorya. **other id:** Podzivaya Zagorya.
remarks: Hardy, widely grown in USSR. Perennial.
Cultivar. Tissue Culture.
- PI 551595 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University,
Agricultural Experiment Station, New Brunswick, New
Jersey 08903. **cultivar:** Raritan. **pedigree:** Redglow x
Jerseybelle. **other id:** NJ857. **remarks:** Very good
quality for fresh, poor for processing. Perennial.
Cultivar. Tissue Culture.
- PI 551596 **origin:** United States. **historical origin:** Canada.
origin institute: Agriculture Canada, Research Station,
Ottawa, Ontario K1A 0C6. **cultivar:** Redcoat. **pedigree:**
Sparkle x Valentine. **remarks:** Good commercial size
maintained throughout season, very attractive, good for
processing. Perennial. Cultivar. Tissue Culture.
- PI 551597 **origin:** United States. **historical origin:** United
Kingdom. **cultivar:** Scarlet. **pedigree:** Unknown.
remarks: Old cultivar, distinct neck. Perennial.
Cultivar. Tissue Culture.

PI 551584 to 551603-continued

- PI 551598 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, College Park, Maryland 20742. **cultivar:** Surecrop. **pedigree:** Fairland x USMD 1972. **other id:** MDUS 2233. **remarks:** Resistant to several races of red stele, to verticillium wilt, leaf spots, leaf scorch and drought. Perennial. Cultivar. Tissue Culture.
- PI 551599 **origin:** United States. **historical origin:** Netherlands. **origin institute:** Hort. Inst. Plant Breeding, IVT, Wagenigan, Maryland. **cultivar:** Tago. Perennial. Cultivar. Tissue Culture.
- PI 551600 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, Agricultural Experiment Station, College Park, Maryland 20742. **cultivar:** Tristar. **pedigree:** EB18 x MDUS 4258. **other id:** EB62. **remarks:** Everbearing, multiple red stele resistance Berries medium to small, symmetrical, red and attractive. Perennial. Cultivar. Tissue Culture.
- PI 551601 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Vancouver, British Columbia V6T 1X2. **cultivar:** Tyee. **pedigree:** Totem x Olympus. **other id:** BC 70-17-12. **remarks:** Winter hardy, for fresh & freezing, potential for machine harvesting. Perennial. Cultivar. Tissue Culture.
- PI 551602 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, Agricultural Experiment Station, New Brunswick, New Jersey 08903. **cultivar:** Vesper. **pedigree:** Utah Shipper x Jerseybelle. **remarks:** For central New Jersey northward, attractive Resembles Jerseybelle. Perennial. Cultivar. Tissue Culture.
- PI 551603 **origin:** United States. **historical origin:** Canada. **origin institute:** Hort. Research Inst. of Ontario, Vineland Station, Ontario LOR 2E0. **cultivar:** Vibrant. **pedigree:** Sparkle x Valentine. **remarks:** Moderately susceptible to verticillium wilt, productive. Perennial. Cultivar. Tissue Culture.
- PI 551604. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry
- Donated by:** National Seed Storage Lab., Colorado State University, Fort Collins, Colorado, United States. Received April 27, 1981.

PI 551604-continued

origin: United States. **origin institute:** Iowa State University, Dept. of Horticulture, Ames, Iowa 50011. **pedigree:** Stoplight seedling selection. **collected:** 1963. Perennial. Breeding Material. Plant.

PI 551605 to 551607. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Allen, W., Agriculture Canada, Vineland Station, Vineland, Ontario, Canada. Received March 15, 1984.

PI 551605 **origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Ottawa, Ontario K1A 0C6. **cultivar:** Grenadier. **pedigree:** Valentine x Fairfax. **other id:** Ottawa 483. **remarks:** Acceptable flavor, for dessert & freezing & preserves. Perennial. Cultivar. Plant.

PI 551606 **origin:** Canada. **origin institute:** Hort. Research Inst. of Ontario, Vineland Station, Ontario LOR 2E0. **cultivar:** Vantage. **pedigree:** Tioga x Veestar. **other id:** V7044-2. **remarks:** Multiple purpose berry. Perennial. Cultivar. Plant.

PI 551607 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia. **cultivar:** Acadia. **pedigree:** Redcrop x Sparkle. **remarks:** Resembles Sparkle, plants large, upright and extremely vigorous, good yielder. Perennial. Cultivar. Plant.

PI 551608 to 551611. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received March 26, 1984.

PI 551608 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Siletz. **pedigree:** USOR 2012 x USOR 1816. **other id:** USOR 2172. **remarks:** Resistant to red stele and verticillium wilt. Perennial. Cultivar. Tissue Culture.

PI 551609 **origin:** United States. **origin institute:** USDA-ARS, BARC-West, Beltsville, Maryland 20705. **cultivar:** Redglow. **pedigree:** Fairland x Tennessee Shipper. **other id:** US 4194. **remarks:** Large fruit thru season, good flavor, for freezing. Perennial. Cultivar. Tissue Culture.

PI 551608 to 551611-continued

PI 551610 **origin:** United States. **historical origin:** Belgium.
origin institute: Station Fruitiere et Maraichere,
Grand-Manil, Gembloux, Maryland. **cultivar:** Domanil.
pedigree: Souvenir de Charles Machiroux x Oberschlesien.
other id: UK Breeders Rights. **group:** FORN. **remarks:**
Large fruit, easy picking, good shipper, for fresh and
processing. Perennial. Cultivar. Tissue Culture.

PI 551611 **origin:** United States. **historical origin:** United States.
origin institute: Iowa State University, Dept.
Horticulture, Ames, Iowa 50011. **cultivar:** Mars.
pedigree: IA 81-6733 x IA 22-6014. **remarks:** Concentrated
ripening habit, freezes well. Perennial. Cultivar.
Tissue Culture.

PI 551612. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: Reich, L., Cornell University, New York Agric.
Experiment Station, Highland, New York, United States. Received
March 29, 1984.

origin: United States. **historical origin:** France.
cultivar: Capron. Perennial. Cultivar. Plant.

PI 551613 to 551614. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst.,
Beltsville, Maryland, United States. Received May 21, 1984.

PI 551613 **origin:** United States. **origin institute:** USDA/ARS,
BARC-West, Beltsville, Maryland 20705. **cultivar:**
Earlidawn. **pedigree:** Midland x Tennessee Shipper. **other**
id: US-3939. **remarks:** Moderately resistant to leaf spots
and leaf scorch, suscep- tible to verticillium wilt.
Perennial. Cultivar. Tissue Culture.

PI 551614 **origin:** United States. **origin institute:** University of
Maryland, USDA/ARS, Agricultural Experiment Station,
Salisbury, Maryland. **cultivar:** Stelemaster. **pedigree:**
Fairland x MD 683. **remarks:** Bad freezer, multiple stele
resistance. Perennial. Cultivar. Tissue Culture.

PI 551615 to 551635. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab,
Beltsville, Maryland, United States. Received June 28, 1984.

PI 551615 to 551635-continued

- PI 551615 **origin:** United Kingdom. **cultivar:** Royal Sovereign. **pedigree:** Noble x King of the Earliest. **other id:** Royale. **remarks:** Old cultivar, low productivity, virus infected. Perennial. Cultivar. Plant.
- PI 551616 **origin:** United Kingdom. **historical origin:** Germany. **origin institute:** Sengana GmbH. Company, Hamburg, England. **cultivar:** Litessa. **other id:** Senga Litessa. Perennial. Cultivar. Plant.
- PI 551617 **origin:** United Kingdom. **historical origin:** France. **origin institute:** INRA, Montfavet, England. **cultivar:** Belrubi. **pedigree:** Pocahontas x Redcoat. **remarks:** Outstanding fruit quality, adapted to high pH soil. Perennial. Cultivar. Plant.
- PI 551618 **origin:** United Kingdom. **historical origin:** Germany. **origin institute:** Senga Organization, Hamburg, England. **cultivar:** Jurica. **pedigree:** Senga 54 x So 308. **remarks:** Good canning, too small for fresh market, husking easy. Perennial. Cultivar. Plant.
- PI 551619 **origin:** United Kingdom. **historical origin:** Germany. **cultivar:** Sonjana. **pedigree:** Holstein x Sonja Horstmann. **other id:** Ardbee Sonjana. **other id:** Plant Patent 1691. **group:** PREV. **remarks:** Considered to be a 'climber' due to vigorous runners. Perennial. Cultivar. Plant.
- PI 551620 **origin:** United Kingdom. **historical origin:** France. **cultivar:** Vicomtesse Hericart de Thury. **pedigree:** Elton x unknown. **other id:** Vicomtesse de Thury. **other id:** Ricard. **other id:** Ricart. **remarks:** Once was the standard for processing in Europe. Perennial. Cultivar. Plant.
- PI 551621 **origin:** United Kingdom. **historical origin:** Netherlands. **origin institute:** Hort. Inst. Plant Breeding, IVT, Wagenigan, England. **cultivar:** Tenira. Perennial. Cultivar. Plant.
- PI 551622 **origin:** United Kingdom. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Haagsteeg 3 6708 PM, Wageningen, England. **cultivar:** Elista. **pedigree:** (Jucunda x self) x US 3763. **other id:** IVT. 5573. **remarks:** Good flavor, unusual aroma, difficult to cap. Perennial. Cultivar. Plant.
- PI 551623 **origin:** United Kingdom. **historical origin:** UNCERTAIN. **cultivar:** Jucunda. **pedigree:** Unknown. **other id:** Knox's 700. **remarks:** Formerly widely grown in Yugoslavia & Netherlands. Perennial. Cultivar. Plant.

PI 551615 to 551635-continued

- PI 551624 **origin:** United Kingdom. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Haagsteeg 3 6708 PM, Wageningen, England. **cultivar:** Rabunda. **pedigree:** Redgauntlet x Repita. **remarks:** Second crop good for frsh mrkt, one year crop, plant in fall. Perennial. Cultivar. Plant.
- PI 551625 **origin:** United Kingdom. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Haagsteeg 3 6708 PM, Wageningen, England. **cultivar:** Revada. **pedigree:** Auchincruive Climax x Ada Herzberg. **remarks:** Everbearer, healthy, sensitive to Botrytus cineria. Perennial. Cultivar. Plant.
- PI 551626 **origin:** United Kingdom. **historical origin:** Germany. **cultivar:** Deutsch Evern. **pedigree:** (Hlglnd x Kg o erl) x (Grtns Pktr X Kg o erl). **remarks:** Old standard early var in N.Europe, now forced under glass. Perennial. Cultivar. Plant.
- PI 551627 **origin:** United Kingdom. **historical origin:** Germany. **origin institute:** Sengana GmbH. Company, Hamburg, England. **cultivar:** Precosana. **pedigree:** Regina x Clone 1260 (which has unknown origin). **other id:** Senga Precosana. **other id:** German patent. **group:** FORN. **remarks:** Vigorous, firm, aromatic, orange fleshed. Perennial. Cultivar. Plant.
- PI 551628 **origin:** United Kingdom. **historical origin:** Denmark. **cultivar:** Freja. **pedigree:** (Spate von Leopl. x Deutsch Evern) x Culver. Perennial. Cultivar. Plant.
- PI 551629 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** Scottish Hort. Research Institute, Dundee, Scotland. **cultivar:** Tantallon. **pedigree:** 61AP60 x MDUS 2650. **other id:** UK Breeders Rights. **group:** FORN. **remarks:** Recommended in U.K. for canning, freezing and jam. Perennial. Cultivar. Plant.
- PI 551630 **origin:** United Kingdom. **historical origin:** United States. **cultivar:** Aberdeen. **pedigree:** Unknown. **remarks:** Poor shipper, soft, outyields Howard 17, red stele resistant. Perennial. Cultivar. Plant.
- PI 551631 **origin:** United Kingdom. **historical origin:** Germany. **cultivar:** Oberschliessen. **pedigree:** Sharpless x Jucunda. **remarks:** Known for good adaptability. Perennial. Cultivar. Plant.

PI 551615 to 551635-continued

PI 551632 **origin:** United Kingdom. **historical origin:** France. **cultivar:** Madame Moutot. **pedigree:** Docteur Morere x Royal Sovereign. **other id:** Madame Kooi. **other id:** Chaperon Rouge. **remarks:** Once the most important variety in France, very productive. Perennial. Cultivar. Plant.

PI 551633 **origin:** United Kingdom. **historical origin:** Germany. **origin institute:** Sengana GmbH. Company, Hamburg, England. **cultivar:** Pantagruella. **other id:** Senga Pantagruella. Perennial. Cultivar. Plant.

PI 551634 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** Scottish Hort. Research Station, Dundee, Scotland. **cultivar:** Troubadour. **pedigree:** 61AM68 x MDUS 2650. **remarks:** For dessert & processing, purple-red when overripe. Perennial. Cultivar. Plant.

PI 551635 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** Scottish Hort Research Institute, Dundee, Scotland. **cultivar:** Saladin. **pedigree:** 61AP60 x MDUS 2650. **other id:** UK Breeders Rights. **group:** FORN. **remarks:** Large fruit, long season, for dessert. Perennial. Cultivar. Plant.

PI 551636 to 551638. *Fragaria* x *ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received July 06, 1984.

PI 551636 **origin:** United States. **historical origin:** United States. **origin institute:** University of Wisconsin, Peninsular Experiment Station, Sturgeon Bay, Wisconsin 54235. **cultivar:** Badgerglo. **pedigree:** Sparkle x Stelemaster. **remarks:** Late, very productive, not as winter hardy as Badgerbelle. Perennial. Cultivar. Tissue Culture.

PI 551637 **origin:** United States. **historical origin:** Taiwan. **cultivar:** Fou Chu. Perennial. Cultivar. Tissue Culture.

PI 551638 **origin:** United States. **historical origin:** Canada. **origin institute:** Hort. Research Inst. of Ontario, Vineland Station, Ontario LOR 2E0. **cultivar:** Veestar. **pedigree:** Valentine x Sparkle. **remarks:** Multiple purpose, attractive, exc flav, best for fresh mkt. Perennial. Cultivar. Tissue Culture.

PI 551639 to 551643. *Fragaria virginiana* subsp. *glauca* (S. Watson)
Staudt ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 07, 1984.

PI 551639 **origin:** Canada. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Canadian seedlot. **local name:** Virginia
Strawberry. Perennial. Breeding Material. Plant.

PI 551640 **origin:** Canada. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Canadian seedlot. **local name:** Virginia
Strawberry. Perennial. Breeding Material. Plant.

PI 551641 **origin:** Canada. **pedigree:** Collected from the wild in
Alberta, Canada. **local name:** Virginia Strawberry.
collected: July 01, 1984. **locality:** Near Island Lake
campground, Crowsnest Pass, Alberta. **latitude:** 10 deg.
49 min. N. **longitude:** 114 deg. 40 min. W. **elevation:**
1380m. **remarks:** Typical of species, flowering at this
date. Perennial. Wild. Plant.

PI 551642 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Virginia Strawberry. **collected:**
July 01, 1984. **locality:** Naples Boundry Co. **latitude:**
48 deg. 30 min. N. **longitude:** 116 deg. 30 min. W.
remarks: Typical of species. Perennial. Wild. Plant.

PI 551643 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Virginia Strawberry. **collected:**
July 02, 1984. **locality:** Sandpoint Boundry Co., logged
area. **latitude:** 48 deg. 30 min. N. **longitude:** 116 deg.
30 min. W. **elevation:** 600m. **remarks:** Typical of
species. Perennial. Wild. Plant.

PI 551644 to 551647. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 07, 1984.

PI 551644 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Woodland Strawberry. **collected:**
July 01, 1984. **locality:** Near Idaho/Canada Border.
latitude: 49 deg. 00 min. N. **longitude:** 116 deg. 30 min.
W. **elevation:** 950m. **remarks:** 2 runnering plants
collected plus small fruit sample. Perennial. Wild.
Plant.

PI 551644 to 551647-continued

PI 551645 **origin:** Canada. **pedigree:** Collected from the wild in Alberta, Canada. **local name:** Woodland Strawberry. **collected:** February 03, 1984. **locality:** Near Island Lake campground, Crownest Pass, Alberta. **latitude:** 10 deg. 49 min. N. **longitude:** 114 deg. 40 min. W. **elevation:** 1380m. **remarks:** Typical of species. Perennial. Wild. Plant.

PI 551646 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **local name:** Woodland Strawberry. **collected:** July 02, 1984. **locality:** Naples (8M) Trail Cr Rd, USFS 404. **latitude:** 48 deg. 30 min. N. **longitude:** 116 deg. 30 min. W. **elevation:** 820m. **remarks:** Typical of species. Perennial. Wild. Plant.

PI 551647 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **local name:** Woodland Strawberry. **collected:** July 02, 1984. **locality:** Sandpoint (10M) Boundary County. **latitude:** 48 deg. 20 min. N. **longitude:** 116 deg. 30 min. W. **elevation:** 660m. **remarks:** Both staminate and pistillate clones collected. Perennial. Wild. Plant.

PI 551648. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt
ROSACEAE Strawberry

Donated by: Westwood, M.N., USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 01, 1984.

origin: United States. **pedigree:** Collected from the wild in Utah. **local name:** Virginia Strawberry. **collected:** July 26, 1984. **locality:** Strawberry Ridge Sheep Creek Rd. **latitude:** 40 deg. 06 min. N. **longitude:** 111 deg. W. **elevation:** 2444m. **remarks:** Small plants with runners, some white flowers, few red fruit. Perennial. Wild. Plant.

PI 551649. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 02, 1984.

origin: Poland. **pedigree:** Collected from the wild in Poland. **collected:** August 28, 1984. **locality:** Szczecinek Blueberry Research Sta. **latitude:** 53 deg. 26 min. N. **longitude:** 16 deg. 10 min. E. **elevation:** 750m. **remarks:** Vigorous plants along a disturbed roadway, fruit set moderate, starting to ripen. Perennial. Wild. Seed.

PI 551650. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received September 27, 1984.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** Yaquina B. **pedigree:** Selected from the wild in Oregon. **local name:** Beach Strawberry. **locality:** Yaquina Bay. **latitude:** 44 deg. 40 min. N. **longitude:** 124 deg. 02 min. W. **elevation:** 10m. **remarks:** Standard Red Stele race indicator (BC, Canada). Perennial. Breeding Material. Tissue Culture.

PI 551651. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Barrett, H., USDA/ARS, Horticultural Research Lab., Orlando, Florida, United States. Received December 03, 1984.

origin: United States. **historical origin:** United States. **cultivar:** Sheldon. **pedigree:** Selected from the wild in South Dakota. **remarks:** Selected for frost resistance of flowers in spring This is not the same as cv Shelton. Perennial. Cultivar. Plant.

PI 551652 to 551653. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received December 03, 1984.

PI 551652 **origin:** United States. **historical origin:** United States. **origin institute:** Louisiana State University, Agricultural Experiment Station, Baton Rouge, Louisiana 70893. **cultivar:** Headliner. **pedigree:** L-7-27 x L-7-42. **remarks:** Good dessert quality, midseason, plants vigorous, productive and runner freely, resistant to leaf spots. Perennial. Cultivar. Tissue Culture.

PI 551653 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Holiday. **pedigree:** Raritan x NY 844. **other id:** NY 1144. **remarks:** Adapted to Northeastern United States, midseason, very large, very firm, uniform in shape, oblate-blunt wedge. Perennial. Cultivar. Tissue Culture.

PI 551654. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: McNicol, R., Scottish Crop Research Inst., Dundee, Scotland, United Kingdom. Received December 20, 1984.

PI 551654-continued

origin: United Kingdom. **origin institute:** Scottish Crop Research Institute, Dundee, Scotland. **cultivar:** Elatior. Perennial. Cultivar. Seed.

PI 551655 to 551656. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: McNicol, R., Scottish Crop Research Inst., Dundee, Scotland, United Kingdom. Received December 20, 1984.

PI 551655 **origin:** United Kingdom. **origin institute:** Scottish Crop Research Institute, Dundee, Scotland. **pedigree:** OP seed of cultivar Magoon. Perennial. Breeding Material. Seed.

PI 551656 **origin:** United Kingdom. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Haagsteeg 3 6708 PM, Wageningen, Scotland. **cultivar:** Juspa. **pedigree:** Jucunda x Sparkle. **other id:** Juspa Chop. **remarks:** Compact plant, easy capping, 1st fruits make nubbins. Perennial. Cultivar. Seed.

PI 551657 to 551681. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Bringhurst, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

PI 551657 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Santa Ana, California. **cultivar:** Aliso. **pedigree:** CA 52.16-15 x self. **remarks:** Susceptible to verticillium wilt. Perennial. Cultivar. Plant.

PI 551658 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Berkeley, California 94720. **cultivar:** Donner. **pedigree:** CAL 145.52 x CAL 222. **other id:** Calif. 579.4. **remarks:** Highly susceptible to verticillium wild, poor shipper. No longer in production in California. Perennial. Cultivar. Plant.

PI 551659 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** Fresno. **pedigree:** Lassen x CAL 42.8-16. **other id:** CA 53.9-10. **remarks:** Berries large, bright red and attractive. Adapted to Southern California. Perennial. Cultivar. Plant.

PI 551657 to 551681-continued

- PI 551660 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Berkeley, California 94720. **cultivar:** Lassen. **pedigree:** CAL 21.9 x CAL 161.1. **other id:** CA 544.2. **remarks:** Resistant to virus diseases, very susceptible to verticillium wilt. Perennial. Cultivar. Plant.
- PI 551661 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** Salinas. **pedigree:** CAL 37.2-11 x CAL 42.17-18. **remarks:** Resistant to most strains of verticillium wilt, susceptible to Xanthomonas fragaria. Perennial. Cultivar. Plant.
- PI 551662 **origin:** United States. **origin institute:** University of California, Agricultural Research Station, Santa Ana, California. **cultivar:** Sequoia. **pedigree:** CAL 52.16-45 x CAL 51S1-1. **remarks:** Winter plant for coastal California, attractive, excellent flavor. See PI 551409 for duplicate accession. Perennial. Cultivar. Plant.
- PI 551663 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 975616. **cultivar:** Shasta. **pedigree:** CAL 67.5 x CAL 177.21. **other id:** CA 403.8. **remarks:** Good flavor, primary variety of coastal California. Perennial. Cultivar. Plant.
- PI 551664 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Berkeley, California 95616. **cultivar:** Sierra. **pedigree:** Nich Ohmer x CAL 177.21. **other id:** CA 537.5. **remarks:** Moderately resistant to yellows and virus disease, resistant to verticillium wilt. Perennial. Cultivar. Plant.
- PI 551665 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** Solana. **pedigree:** CAL 177-19 x CAL 103-22. **other id:** Cal 35.93-11. **remarks:** Adapted to Southern California conditions, good tolerance to salinity. Perennial. Cultivar. Plant.
- PI 551666 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Berkeley, California 95616. **cultivar:** Tahoe. **pedigree:** CAL 144.21 x CAL 143.32. **other id:** CA 567.6. **remarks:** Fairly resistant to verticillium wilt and yellows. Perennial. Cultivar. Plant.

PI 551657 to 551681-continued

- PI 551667 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** Tioga. **pedigree:** Lassen x CAL 42.8-16. **remarks:** Grown in California and Florida, ships well to distant markets. Perennial. Cultivar. Plant.
- PI 551668 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** Torrey. **pedigree:** Lassen x CAL 42.8-16. **remarks:** Resembles Lassen, developed for Southern California. Perennial. Cultivar. Plant.
- PI 551669 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** Wiltguard. **pedigree:** CAL 39.117-4 x CAL 39.96-18. **remarks:** Wilt resistant, good flavor, not commercially important. Perennial. Cultivar. Plant.
- PI 551670 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 37.20-45. **pedigree:** Driscoll J-6. **remarks:** Flavor, firmness good, grown commercially in CA (Driscoll J6) Parent of Cruz. Perennial. Breeding Material. Plant.
- PI 551671 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 39.82-19. **remarks:** Flavor, color, firmness good. Important in the parentage of many California cultivars. Perennial. Breeding Material. Plant.
- PI 551672 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 39.117-4. **remarks:** Flavor good, wilt resistant. Important in the parentage of many California cultivars. Perennial. Breeding Material. Plant.
- PI 551673 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 42.8-16. **remarks:** Firmness, flavor good. Male parent of Tioga. Perennial. Breeding Material. Plant.

PI 551657 to 551681-continued

- PI 551674 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 51S1-1. **pedigree:** OP of cv Lassen. **remarks:** Early, adapted to subtropical climate. Parent of Sequoia. Perennial. Breeding Material. Plant.
- PI 551675 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 59.39-1. **pedigree:** 2nd backcross from Rockhill. **remarks:** Day-neutral adaptation to subtropical climate. Perennial. Breeding Material. Plant.
- PI 551676 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 61S16-6. **pedigree:** Inbred from CA 43.1-36. **remarks:** Highly verticillium resistant. Perennial. Breeding Material. Plant.
- PI 551677 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 61S16-28. **pedigree:** Inbred from CA 43.1-36. **remarks:** Highly verticillium resistant. Perennial. Breeding Material. Plant.
- PI 551678 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 61S18-30. **pedigree:** Inbred from CA 42.8-16. **remarks:** Highly verticillium resistant. Perennial. Breeding Material. Plant.
- PI 551679 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 71.98-605. **remarks:** Large symmetrical firm fruit. Parent of Parker and Selva. Perennial. Breeding Material. Plant.
- PI 551680 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** Campbell. **pedigree:** Cal 177.21 x Cal 103.22. **other id:** CA 467.1. **other id:** Riverview. **remarks:** Tolerant to yellows but susceptible to mildew Not to be confused with Campbell from New Jersey (1911). Perennial. Cultivar. Plant.
- PI 551681 **origin:** United States. **cultivar:** White Carolina. **remarks:** Primitive cultivar of historical interest White-fruited. Perennial. Primitiv-cv. Plant.

PI 551682 to 551715. *Fragaria* hybrid ROSACEAE Strawberry

Donated by: Bringhurst, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

PI 551682 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 55.23-1. **pedigree:** Lassen x Oroflaco (CA.) *F. chiloen.* Fl. **remarks:** Adaptation to subtropical climate. Perennial. Breeding Material. Plant.

PI 551683 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 58.108-2. **pedigree:** 2nd backcross from cv x Ambato *F. chiloensis.* **remarks:** Large fruit, adaptation to subtropical climate. Perennial. Breeding Material. Plant.

PI 551684 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 62.9-5. **pedigree:** (5X) Fl of CA 1234 x *Potentilla glandulosa.* **remarks:** Non-runnering, sterile. Perennial. Breeding Material. Plant.

PI 551685 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 62.9-8 5x. **pedigree:** (5X) Fl of CA 1234 (*F. chiloensis*) x *Potentilla glandulosa.* **remarks:** Non-runnering, sterile. Perennial. Breeding Material. Plant.

PI 551686 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 62.9-8 10x. **pedigree:** Colchicine-induced 10X of CA 62.9-8. **remarks:** Fertile decaploid. Perennial. Breeding Material. Plant.

PI 551687 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 67.201-4. **pedigree:** Natural hyb. of CA 1347 x *F. chiloensis* (unreduced gametes). **remarks:** Fairly fertile. Perennial. Breeding Material. Plant.

PI 551688 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 68.342-102. **pedigree:** Evergreen - *F. chiloensis* (PSG) c 60.65-4 (complex hybrid). **remarks:** Excellent ground cover. Perennial. Breeding Material. Plant.

PI 551682 to 551715-continued

- PI 551689 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 69.19-12. **pedigree:** Derived from Utah *F. virginiana* CA 42.8-16 & Sequoia. **remarks:** Day neutral, good firmness, flavor, runners. Perennial. Breeding Material. Plant.
- PI 551690 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 69.72-101. **pedigree:** Derived from Utah *F. virginiana* and Tioga. **remarks:** Day neutral, foliar disease resistant. Perennial. Breeding Material. Plant.
- * PI 551691 *Fragaria x ananassa* Duchesne ROSACEAE Strawberry **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 70.8-101. **pedigree:** Derived from Utah *F. virginiana* via Sequoia & Tioga. **remarks:** Day neutral, symmetrical, large fruit, runners. Perennial. Breeding Material. Plant.
- * PI 551692 *Fragaria x ananassa* Duchesne ROSACEAE Strawberry **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 70.27-103. **pedigree:** Derived from Utah *F. virginiana* via Aliso & Tioga. **remarks:** Day neutral, symmetrical, large fruit, high yield, runners. Perennial. Breeding Material. Plant.
- PI 551693 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 77.56-101. **pedigree:** Fl of Auk Lake *F. chiloensis* x CA 72.309-601. **remarks:** Particularly free of foliar diseases. Reciprocal sibling of Douglas. Perennial. Breeding Material. Plant.
- PI 551694 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 77.84-103. **pedigree:** CA 72.310-104 x CA 1508 (*Hwy. 50 F. virginiana glauca*). **remarks:** Mildew resistance. Perennial. Breeding Material. Plant.
- PI 551695 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1303. **pedigree:** *F. chiloensis* x *F. vesca* (5X) selected wild in California. **collected:** 1965. **locality:** Point Sur. **latitude:** 36 deg. 15 min. N. **longitude:** 121 deg. 55 min. W. **remarks:** Almost sterile female plant. Perennial. Breeding Material. Plant.

PI 551682 to 551715-continued

- PI 551696 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1304. **pedigree:** *F. chiloensis* x *F. vesca* (5X) selected wild in California. **collected:** 1965. **locality:** Point Sur. **latitude:** 36 deg. 15 min. N. **longitude:** 121 deg. 55 min. W. **remarks:** Almost sterile male plant. Perennial. Breeding Material. Plant.
- PI 551697 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1304. **pedigree:** *F. chiloensis* x *F. vesca* (5X) selected wild in California. **collected:** 1965. **locality:** Point Sur. **latitude:** 36 deg. 15 min. N. **longitude:** 121 deg. 55 min. W. **remarks:** Almost sterile male plant. Perennial. Breeding Material. Plant.
- PI 551698 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1322. **pedigree:** *F. chiloensis* x *F. vesca* (5X) selected wild in California. **collected:** 1965. **locality:** Mantana, CA, Devils Slide. **latitude:** 38 deg. N. **longitude:** 120 deg. W. **remarks:** Almost sterile male plant. Perennial. Breeding Material. Plant.
- PI 551699 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1325. **pedigree:** *F. chiloensis* x *F. vesca* (5X) selected wild in California. **collected:** 1965. **locality:** Pacifica. **latitude:** 37 deg. 30 min. N. **longitude:** 122 deg. 15 min. W. **remarks:** Almost sterile, bisexual. Perennial. Breeding Material. Plant.
- PI 551700 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1325 10x. **pedigree:** Colchicine-induced decaploid of CA 1325 (CFRA 346). **remarks:** Fully fertile decaploid of CFRA 346. Perennial. Breeding Material. Plant.
- PI 551701 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1326. **pedigree:** *F. chiloensis* x *F. vesca* (5X) selected wild in California. **locality:** Pacifica. **latitude:** 37 deg. 30 min. N. **longitude:** 122 deg. 15 min. W. **remarks:** Same as CA 1325 (CFRA 346) but female. Perennial. Breeding Material. Plant.

PI 551682 to 551715-continued

- PI 551702 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1327. **pedigree:** F.chiloensis x F.vesca (6x) selected wild in California. **locality:** Pacifica. **latitude:** 37 deg. 30 min. N. **longitude:** 122 deg. 15 min. W. **remarks:** Yields about 60% fully fertile 10X plants in bc to octaplds. Perennial. Breeding Material. Plant.
- PI 551703 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1329. **pedigree:** F. chiloensis x F. vesca (5X) selected wild in California. **locality:** Pacifica. **latitude:** 37 deg. 30 min. N. **longitude:** 122 deg. 15 min. W. **remarks:** Same as CA 1304 (CFRA 343) but from Pacifica. Perennial. Breeding Material. Plant.
- PI 551704 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1329 10x. **pedigree:** Colchicine-induced 10X of CA 1329. **remarks:** Colchicine-induced 10X of CA 1329 (CFRA 350). Perennial. Breeding Material. Plant.
- PI 551705 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1342. **pedigree:** F. chiloensis x F. vesca (5X) selected wild in California. **locality:** Point Reyes, Drakes Beach. **latitude:** 38 deg. N. **longitude:** 123 deg. W. **remarks:** Same as CA 1329 (CFRA 350) but female, and from Drake's Bea. Perennial. Breeding Material. Plant.
- PI 551706 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1347 10x. **pedigree:** (10x) selected from the wild in California. **locality:** Bodega Bay. **latitude:** 38 deg. 20 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 10m. **remarks:** More fertile than CA 1329, 1342 series. Bisexual. Perennial. Breeding Material. Plant.
- PI 551707 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1348. **pedigree:** (5x) F. chiloensis x F. vesca selected wild in California. **locality:** Bodega Bay. **latitude:** 38 deg. 20 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 10m. **remarks:** Same as CA 1347 (CFRA 353) but female. Perennial. Breeding Material. Plant.

PI 551682 to 551715-continued

- PI 551708 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1349 5x. **pedigree:** (5x) Selected from the wild in California. **locality:** Bodega Bay. **latitude:** 38 deg. 20 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 10m. **remarks:** Very similar to CA 1347 (CFRA 353), bisexual. Perennial. Breeding Material. Plant.
- PI 551709 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1364. **pedigree:** F. chiloensis x F. vesca selected wild in California. **locality:** Wrights Beach, CA. **remarks:** Fully fertile and yields reduced functional gametes with many anuploids. Perennial. Breeding Material. Plant.
- PI 551710 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1391. **pedigree:** (5x) F. chiloensis x F. vesca selected wild in California. **locality:** Cape Mendocino, CA. **latitude:** 39 deg. 15 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 10m. **remarks:** Natural hybrid, 5x. Perennial. Breeding Material. Plant.
- PI 551711 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1421. **pedigree:** Wild introgressed F. chiloensis x F. virginiana type. **locality:** McKinleyville, CA. **latitude:** 41 deg. N. **longitude:** 124 deg. 10 min. W. **elevation:** 10m. **remarks:** Male, shallow rooted, thinner, less glossy-leaved type. Perennial. Breeding Material. Plant.
- PI 551712 **origin:** Canada. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1501. **pedigree:** F. virgiana glauca with F. chiloensis introgressed. **remarks:** Strong outspreading pubescence. Perennial. Breeding Material. Plant.
- PI 551713 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1614 5x. **pedigree:** F.chiloensis x F.vesca (5X) selected from the wild in Calif. **locality:** Pacifica. **latitude:** 37 deg. 30 min. N. **longitude:** 122 deg. 15 min. W. **elevation:** 10m. **remarks:** Natural hybrid, semi-sterile female. Perennial. Breeding Material. Plant.

PI 551682 to 551715-continued

- PI 551714 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California 95616. **cultivar:** CA 1614 10x. **pedigree:** Colchicine induced 10x of CA 1614 (CFRA 373). **remarks:** Fully fertile, female. Perennial. Breeding Material. Plant.
- PI 551715 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1615. **pedigree:** F. chiloensis x F. vesca (5X) selected wild in California. **locality:** Pacifica, CA. **latitude:** 37 deg. 30 min. N. **longitude:** 122 deg. 15 min. W. **elevation:** 10m. **remarks:** Most fertile female hybrid of all CA series. Perennial. Breeding Material. Plant.

PI 551716 to 551717. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Bringhurst, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

- PI 551716 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 64.28-18. **pedigree:** 8X clone. **remarks:** Normal, large-fruited clone of CA 64.28-18. Perennial. Breeding Material. Plant.
- PI 551717 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 64.28-18 16x. **pedigree:** Colchicine-induced 16X from CA64.28-18. **remarks:** Most functional gametes are 8x. Perennial. Breeding Material. Plant.

PI 551718 to 551723. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Bringhurst, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

- * PI 551718 *Fragaria x ananassa* Duchesne ROSACEAE Strawberry
origin: United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 65.65-601. **pedigree:** Derived from Utah *F. virginiana*. **local name:** Cultivated Strawberry. **remarks:** Day neutral, male parent of Brighton and Hecker. Perennial. Breeding Material. Plant.

PI 551718 to 551723-continued

- * PI 551719 *Fragaria x ananassa* Duchesne ROSACEAE Strawberry
origin: United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 70.3-117. **pedigree:** Derived from Utah *F. virginiana* CA 70.3-117. **remarks:** Day-neutral. Female parent of Tioga, sister of Brighton. Perennial. Breeding Material. Plant.
- * PI 551720 *Fragaria x ananassa* Duchesne ROSACEAE Strawberry
origin: United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 70.3-121. **pedigree:** Derived from Utah *F. virginiana*. **remarks:** Day neutral, symmetrical, large, good-flavored fruit Sister of CFRA 328. Perennial. Breeding Material. Plant.
- PI 551721 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **local name:** Virginia Strawberry. **locality:** Durham. **latitude:** 43 deg. 10 min. N. **longitude:** 70 deg. 50 min. W. **elevation:** 500m. **remarks:** Fairly large and long fruited type. Perennial. Wild. Plant.
- PI 551722 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Virginia Strawberry. **locality:** Luther Pass. Perennial. Wild. Plant.
- * PI 551723 *Fragaria vesca* L. ROSACEAE Strawberry
origin: United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1366. **pedigree:** Selected from the wild in California. **local name:** Strawberry. **locality:** Goat Rocks. Perennial. Breeding Material. Plant.

PI 551724 to 551740. *Fragaria chiloensis* (L.) Duchesne ROSACEAE
Strawberry

Donated by: Bringham, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

PI 551724 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 68.69-602. **pedigree:** Derived from Oso Flaco *F. chiloensis* (CA 55.23-1). **remarks:** Adaptation to subtropical climate. Perennial. Breeding Material. Plant.

PI 551724 to 551740-continued

- PI 551725 **origin:** Chile. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 74.14-3. **pedigree:** Selected from the wild in Chile. **collected:** 1968. **locality:** Coyhaique. **latitude:** 43 deg. S. **longitude:** 74 deg. W. **Perennial.** **Breeding Material.** **Plant.**
- PI 551726 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1233. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **collected:** 1954. **locality:** Bodega Bay. **latitude:** 38 deg. 20 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 10m. **remarks:** Verticillium wilt resistance. **Perennial.** **Breeding Material.** **Plant.**
- PI 551727 **origin:** United States. **origin institute:** University of California, Davis, California. **cultivar:** CA 1234. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **collected:** 1954. **locality:** Cape Mendocino. **latitude:** 39 deg. 15 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 10m. **remarks:** Parent of *Potentilla glandulosa* hybrs. CA62.9-5 & -7. **Perennial.** **Breeding Material.** **Plant.**
- PI 551728 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1367. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Pigeon Point Windmill Site, CA. **remarks:** High flavor, high brix, relatively large size. **Bisexual.** **Perennial.** **Breeding Material.** **Plant.**
- PI 551729 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1386. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Cape Mendocino. **latitude:** 39 deg. 15 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 10m. **remarks:** Nice plant characters. Has very good potential as a ground cover (JP). **Perennial.** **Breeding Material.** **Plant.**
- PI 551730 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1390. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Cape Mendocino, CA. **latitude:** 39 deg. 15 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 10m. **remarks:** Same as CA 1386 (CFRA 358), possible parent of CA 1391. **Perennial.** **Breeding Material.** **Plant.**

PI 551724 to 551740-continued

- PI 551731 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1405. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** McKinleyville, CA. **latitude:** 41 deg. N. **longitude:** 124 deg. 10 min. W. **elevation:** 10m. **remarks:** To be contrasted with CA 1421 (CFRA 362). Perennial. Breeding Material. Plant.
- PI 551732 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1442. **pedigree:** Selected from the wild in California. **locality:** Patricks Point, CA. **remarks:** Adaxial pubescence (atypical of *F. chiloensis*). Perennial. Breeding Material. Plant.
- PI 551733 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1475. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Ano Nuevo Reserve, CA. **remarks:** Female, morphologically distinctive. Perennial. Breeding Material. Plant.
- PI 551734 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1466. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Pt. St. George, CA. **remarks:** Flat growing, attractive leaf, largest longest of *chiloensis* fruits. Very good potential as a ground cover (JP). Perennial. Breeding Material. Plant.
- PI 551735 **origin:** United States. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1499. **pedigree:** Selected from the wild in Alaska (Sitka Hyb. type). **local name:** Beach Strawberry. **locality:** Auk Lake, AK. **latitude:** 65 deg. N. **longitude:** 150 deg. W. **remarks:** Free of all foliar diseases, relatively large, high flavored fruit. Perennial. Breeding Material. Plant.
- PI 551736 **origin:** Peru. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1541. **pedigree:** Selection from cultivated type. **collected:** 1965. **locality:** Cuzco, Peru. **latitude:** 14 deg. S. **longitude:** 72 deg. W. **elevation:** 4000m. **remarks:** Probably extinct now in Peru. Perennial. Breeding Material. Plant.

PI 551724 to 551740-continued

- PI 551737 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **local name:** Beach Strawberry. **collected:** 1984. **locality:** Maui, Hawaii. **latitude:** 21 deg. N. **longitude:** 156 deg. 10 min. W. **elevation:** 1000m. **remarks:** Bisexual plant. Perennial. Wild. Plant.
- PI 551738 **origin:** United States. **origin institute:** University of California, Agricultural Research Station, Davis, California. **cultivar:** OF 34. **pedigree:** Selected from the wild in California. **local name:** Beach Strawberry. **locality:** Oso Flaco Lake, Santa Maria, CA. **latitude:** 35 deg. N. **longitude:** 120 deg. 45 min. W. **remarks:** Origin site threatened by moving sand dunes(dune buggies). Perennial. Breeding Material. Plant.
- PI 551739 **origin:** United States. **pedigree:** Open pollinated from Botanical collection. **local name:** Beach Strawberry. **collected:** 1983. **locality:** University of California, Berkeley Arboretum. Perennial. Cultivated. Plant.
- PI 551740 **origin:** United States. **pedigree:** Open pollinated from botanical collection. **local name:** Beach Strawberry. **collected:** 1982. **locality:** University of California, Berkeley Arboretum. Perennial. Cultivated. Plant.

PI 551741 to 551742. *Fragaria viridis* Duchesne ROSACEAE Strawberry

Donated by: Bringham, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

- PI 551741 **origin:** Germany. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 72.501-2. **pedigree:** Selection from the wild from Germany. **collected:** 1959. **locality:** Staudt. **latitude:** 51 deg. N. **longitude:** 10 deg. E. Perennial. Breeding Material. Plant.
- PI 551742 **origin:** Germany. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1292. **pedigree:** Selected from the wild in Germany. **collected:** 1959. **locality:** Staudt. **latitude:** 51 deg. N. **longitude:** 10 deg. E. **remarks:** Verticillium resistant. Perennial. Breeding Material. Plant.

PI 551743 to 551744. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Bringham, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

PI 551743 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 83.341-1. **pedigree:** Selected from the wild in California. **local name:** Woodland Strawberry. **locality:** Hecker Pass. **remarks:** 35/45 GPI electrophoretic hybrid. Perennial. Breeding Material. Plant.

PI 551744 **origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1450. **pedigree:** Selected from the wild in California. **local name:** Woodland Strawberry. **locality:** Del Norte Redwoods Park, CA. **latitude:** 41 deg. 30 min. N. **longitude:** 124 deg. W. **elevation:** 10m. **remarks:** Slow band GPI electrophoretic pattern. Perennial. Breeding Material. Plant.

PI 551745 to 551747. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt ROSACEAE Strawberry

Donated by: Bringham, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

PI 551745 **origin:** United States. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1226. **pedigree:** Selected from the wild in Utah. **local name:** Virginia Strawberry. **locality:** Salt Lake City, Big Cottonwood Canyon. **latitude:** 40 deg. 30 min. N. **longitude:** 111 deg. 30 min. W. **elevation:** 2000m. **remarks:** Used to cross with Shasta to dev. day-neutral lines No pubescence. Perennial. Breeding Material. Plant.

PI 551746 **origin:** United States. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1493. **pedigree:** Selected from the wild in Utah. **local name:** Virginia Strawberry. **collected:** 1965. **locality:** Brighton, UT. **latitude:** 40 deg. 30 min. N. **longitude:** 111 deg. 30 min. W. **elevation:** 2000m. **remarks:** Female. Perennial. Breeding Material. Plant.

PI 551745 to 551747-continued

PI 551747 **origin:** United States. **pedigree:** Collected from the wild in Utah. **local name:** Virginia Strawberry. **collected:** 1983. **locality:** Strawberry Reservoir. **latitude:** 40 deg. 06 min. N. **longitude:** 111 deg. W. **remarks:** Almost glabrous type, of interest for tea. Perennial. Wild. Plant.

PI 551748. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Bringham, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

origin: United States. **historical origin:** United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1517. **pedigree:** Selected from the wild in Nevada. **local name:** Virginia Strawberry. **locality:** Red Lake Meadow, Carson Pass, NV. **latitude:** 38 deg. 30 min. N. **longitude:** 120 deg. W. **elevation:** 2000m. Perennial. Breeding Material. Plant.

PI 551749. *Fragaria vesca* subsp. *californica* (Cham. & Schldl.) Staudt
ROSACEAE Strawberry

Donated by: Bringham, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

origin: United States. **origin institute:** University of California, Agricultural Experiment Station, Davis, California. **cultivar:** CA 1523. **pedigree:** Selected from the wild in California. **local name:** Woodland Strawberry. **locality:** Point Conception, CA. **latitude:** 34 deg. 30 min. N. **longitude:** 120 deg. 45 min. W. **remarks:** Typical of south-central California coast range. Perennial. Breeding Material. Plant.

PI 551750. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: Bringham, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

origin: Germany. **pedigree:** Collected from the wild in Germany. **collected:** 1959. **locality:** Staudt. **remarks:** Excellent 6X female. Perennial. Wild. Plant.

PI 551751. *Fragaria iinumae* Makino ROSACEAE Strawberry

Donated by: Bringhurst, R.S., University of California, Department of Pomology, Davis, California, United States. Received December 05, 1984.

origin: Japan. **pedigree:** Collected from the wild in Japan. **remarks:** Achieves full dormancy in winter, morph.resembles virginiana. Perennial. Wild. Plant.

PI 551752 to 551753. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received March 06, 1985.

PI 551752 **origin:** Chile. **historical origin:** United States. **origin institute:** USDA/ARS, Hort Crops Research Division, Beltsville, Maryland. **cultivar:** Darrow 6. **pedigree:** Selected from the wild in Chile. **collected:** December 07, 1956. **locality:** Near Rocoto. **latitude:** 35 deg. S. **longitude:** 72 deg. W. Perennial. Breeding Material. Tissue Culture.

PI 551753 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, SW Washington Research Unit, Vancouver, Washington. **cultivar:** Del Norte (selection). **pedigree:** Selection of *F. chiloensis* Del Norte. Perennial. Breeding Material. Tissue Culture.

PI 551754 to 551758. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received March 06, 1985.

PI 551754 **origin:** United States. **historical origin:** Italy. **cultivar:** Cesena. **pedigree:** Chance seedling of Ananassa 7-80. **remarks:** Everbearing. Perennial. Cultivar. Tissue Culture.

PI 551755 **origin:** United States. **historical origin:** United States. **origin institute:** Private Breeder, Monticello, Minnesota. **cultivar:** Red Giant. **pedigree:** Red Rich x Midland. **other id:** Plant Patent 2884. **group:** PREV. **remarks:** Attractive, excellent flavor, for processing or fresh. Perennial. Cultivar. Tissue Culture.

PI 551756 **origin:** United States. **historical origin:** Italy. **cultivar:** Dana. **other id:** ISF 73-83-1. Perennial. Cultivar. Tissue Culture.

PI 551754 to 551758-continued

PI 551757 **origin:** United States. **historical origin:** Italy.
cultivar: Francesco. Perennial. Cultivar. Tissue Culture.

PI 551758 **origin:** United States. **historical origin:** Italy.
cultivar: Savio. Perennial. Cultivar. Tissue Culture.

PI 551759 to 551763. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University,
Dept. Botany and Plant Pathology, Corvallis, Oregon, United States.
Received March 21, 1985.

PI 551759 **origin:** United States. **historical origin:** United States.
origin institute: Washington State University,
Agricultural Experiment Station, Puyallup, Washington.
98371. **cultivar:** Cascade. **pedigree:** Shasta x Northwest.
remarks: Sweet rich flavor, superior in flavor and
texture for processing, red stele susceptible, blooms
with Northwest. Perennial. Cultivar. Plant.

PI 551760 **origin:** United States. **historical origin:** United States.
origin institute: Washington State University,
Agricultural Research Station, Puyallup, Washington
98371. **cultivar:** Columbia. **pedigree:** WA 157 x WA 175.
remarks: Similar to Siletz in resistance to red stele and
root rots, resistant to mildew and fruit rot. Perennial.
Cultivar. Plant.

PI 551761 **origin:** United States. **historical origin:** United States.
cultivar: Lupton. **pedigree:** Joe x Gandy. **remarks:**
Coarse dry flesh but handsome, good shipper, v. sus. to red
stel. Perennial. Cultivar. Plant.

PI 551762 **origin:** United States. **origin institute:** Oregon State
University, USDA/ARS, Corvallis, Oregon 97331.
cultivar: Mollala. **pedigree:** USOR 2136 x USOR 2242.
other id: USOR 2416. **remarks:** Shows resistance to red
stele disease, tolerant of virus diseases. Perennial.
Cultivar. Plant.

PI 551763 **origin:** United States. **origin institute:** Oregon State
University, USDA/ARS, Corvallis, Oregon 97331.
cultivar: Vale. **pedigree:** USOR 2012 x USOR 2100. **other
id:** USOR 2331. **remarks:** Developed for conditions in
Eastern Oregon, Eastern Wash. and Western Idaho.
Perennial. Cultivar. Plant.

PI 551764 to 551765. *Fragaria chiloensis* (L.) Duchesne ROSACEAE
Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University,
Dept. Botany and Plant Pathology, Corvallis, Oregon, United States.
Received March 21, 1985.

PI 551764 **origin:** United States. **historical origin:** United States.
origin institute: Washington State University, SW
Washington Research Unit, Vancouver, Washington.
cultivar: Del Norte (selection). **pedigree:** Selection of
F. chiloensis Del Norte. **remarks:** Standard red steele
indicator. Perennial. Breeding Material. Plant.

PI 551765 **origin:** United States. **origin institute:** USDA/ARS,
Oregon State University, Corvallis, Oregon. **cultivar:**
Yaquina A. **pedigree:** Selected from the wild in Oregon.
local name: Beach Strawberry. **locality:** Yaquina Bay.
latitude: 44 deg. 40 min. N. **longitude:** 124 deg. 02 min.
W. **elevation:** 10m. **remarks:** Standard red stele race
indicator (US). Perennial. Breeding Material. Plant.

PI 551766. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University,
Dept. Botany and Plant Pathology, Corvallis, Oregon, United States.
Received March 21, 1985.

origin: United States. **origin institute:** University of
Maryland, USDA/ARS, College Park, Maryland. **cultivar:**
MD-683. **pedigree:** Scotland BK-4x x Fairfax. **remarks:**
Standard red stele indicator, selection from U of MD.
Perennial. Breeding Material. Plant.

PI 551767 to 551773. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab,
Beltsville, Maryland, United States. Received May 08, 1985.

PI 551767 **origin:** United Kingdom. **pedigree:** *F. virginiana* x *F.*
chiloensis. Perennial. Cultivated. Plant.

PI 551768 **origin:** United Kingdom. **historical origin:** Netherlands.
origin institute: Inst. Hort. Plant Breeding, Haagsteeg 3
6708 PM, Wageningen, Scotland. **cultivar:** Repita.
pedigree: Ada Herzberg x Auchincruive Climax. **remarks:**
Everbearer, good flavor, susceptible to *Diplocarpon*
earliana. Perennial. Cultivar. Plant.

PI 551769 **origin:** United Kingdom. **historical origin:** Germany.
cultivar: Anneliese. **other id:** Annelie. Perennial.
Cultivar. Plant.

PI 551767 to 551773-continued

- PI 551770 **origin:** United Kingdom. **historical origin:** Ireland.
origin institute: Soft Fruits Research Station,
Clonroche, Wexford, Scotland. **cultivar:** Clonderg.
pedigree: Senga Sengana x Cambridge Vigor. Perennial.
Cultivar. Plant.
- PI 551771 **origin:** United Kingdom. **historical origin:** United
Kingdom. **origin institute:** University of Cambridge,
Horticultural Research Station, Cambridge, England.
cultivar: Cambridge Rearguard. **pedigree:** F. chiloensis x
Rearguard (?). **other id:** Rearguard. **remarks:**
Large-fruited, late maturing, dark color. Perennial.
Cultivar. Plant.
- PI 551772 **origin:** United Kingdom. **historical origin:** United
Kingdom. **cultivar:** Victorian Nameless. Perennial.
Cultivar. Plant.
- PI 551773 **origin:** United Kingdom. **historical origin:** Germany.
origin institute: Sengana GmbH. Company, Hamburg,
Scotland. **cultivar:** Gigana. **pedigree:** So.34 x Finn.
other id: Senga Gigana. **other id:** German patent. **group:**
FORN. **remarks:** Extra large fruit, disease resist, for
home gdn & fresh mkt. Perennial. Cultivar. Plant.

PI 551774. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 01, 1985.

origin: United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Virginia Strawberry. **collected:**
June 27, 1985. **locality:** Enterprise, Wallowa-Whitman
Natl. Forest. **latitude:** 45 deg. 25 min. N. **longitude:**
117 deg. 15 min. W. **elevation:** 1410m. **remarks:** Typical,
many plants torn up by cattle grazing. Perennial. Wild.
Plant.

PI 551775. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt
ROSACEAE Strawberry

Donated by: Ballington, J.R., North Carolina State Univ.,
Horticulture Department, Raleigh, North Carolina, United States.
Received August 21, 1985.

origin: United States. **pedigree:** Collected from the wild in Washington. **local name:** Virginia Strawberry. **collected:** August 06, 1985. **locality:** Sawtooth Huckleberry Fields, Gifford-Pinchot Nat'l Forest. **latitude:** 46 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1400m. **remarks:** Abundant plants with scattered fruit. Perennial. Wild. Seed.

PI 551776 to 551781. *Fragaria virginiana* subsp. *glauca* (S. Watson)
Staudt ROSACEAE Strawberry

Donated by: Ballington, J.R., North Carolina State Univ., Horticulture Department, Raleigh, North Carolina, United States. Received August 07, 1985.

PI 551776 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** July 21, 1985. **locality:** Cougar Reservoir, Willamette Nat'l Forest, roadbanks. **latitude:** 44 deg. 00 min. N. **longitude:** 122 deg. 20 min. W. **elevation:** 1400m. **remarks:** Achenes not sunken, fairly good firmness, fine size. Perennial. Wild. Seed.

PI 551777 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** July 27, 1985. **locality:** Winema Nat'l Forest, USFS 3633, roadside and roadbank. **latitude:** 43 deg. 00 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1830m. **remarks:** Fruit population sample. Perennial. Wild. Seed.

PI 551778 **origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oregon seedlot CFRA 1043. **local name:** Virginia Strawberry. Perennial. Breeding Material. Plant.

PI 551779 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** July 28, 1985. **locality:** DesChutes Nat'l Forest, Hot Springs Campground, sedge meadow. **latitude:** 43 deg. 40 min. N. **longitude:** 121 deg. 10 min. W. **elevation:** 2100m. **remarks:** From moist area near hot springs. Perennial. Wild. Seed.

PI 551776 to 551781-continued

PI 551780 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, roadsides and open forest. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. W. **elevation:** 1100m. **remarks:** Fruit population collected, plants typical. Perennial. Wild. Seed.

PI 551781 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** August 01, 1985. **locality:** Iron Mtn. trail, from clearcut and trailhead, young forest. **latitude:** 44 deg. 20 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1370m. **remarks:** Fruit population quite variable for size, shape, skin color. Perennial. Wild. Seed.

PI 551782 to 551785. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Ballington, J.R., North Carolina State Univ., Horticulture Department, Raleigh, North Carolina, United States. Received August 07, 1985.

PI 551782 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 21, 1985. **locality:** Cougar Reservoir, Willamette Nat'l Forest, roadbanks. **latitude:** 44 deg. 00 min. N. **longitude:** 122 deg. 20 min. W. **elevation:** 1400m. **remarks:** Typical morphology, very erect, elongated peduncles on some. Perennial. Wild. Seed.

PI 551783 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 25, 1985. **locality:** Siskiyou Nat'l Forest, Cave Junction, roadbanks and meadow. **latitude:** 42 deg. 10 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1300m. Perennial. Wild. Seed.

PI 551784 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 26, 1985. **locality:** Rogue River Nat'l Forest, roadside and open forest. **latitude:** 42 deg. 30 min. N. **longitude:** 123 deg. 10 min. W. **elevation:** 1600m. **remarks:** Plants typical, good-sized fruit. Perennial. Wild. Seed.

PI 551782 to 551785-continued

PI 551785 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 27, 1985. **locality:** Winema Nat'l Forest, .1 mi above US140 on FS 3661 roadside. **latitude:** 42 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1590m. **remarks:** Fruit population sample. Perennial. Wild. Seed.

PI 551786 to 551787. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Ballington, J.R., North Carolina State Univ., Horticulture Department, Raleigh, North Carolina, United States. Received August 07, 1985.

PI 551786 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** July 26, 1985. **locality:** Rogue River Nat'l Forest, roadside and open forest. **latitude:** 42 deg. 30 min. N. **longitude:** 123 deg. 10 min. W. **elevation:** 1600m. **remarks:** Good sized fruit, plants typical. Perennial. Wild. Seed.

PI 551787 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** August 01, 1985. **locality:** Summit of Mt. Hebo, 8.6 mi up FS 14 from OR22, mntop bald. **latitude:** 45 deg. 10 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1000m. **remarks:** Small fruit population collected. Perennial. Wild. Seed.

PI 551788 to 551789. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt ROSACEAE Strawberry

Donated by: Ballington, J.R., North Carolina State Univ., Horticulture Department, Raleigh, North Carolina, United States. Received August 10, 1985.

PI 551788 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Virginia Strawberry. **collected:** August 01, 1985. **locality:** Olympic Nat'l Forest, roadside. **latitude:** 47 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 970m. **remarks:** Introgressed with *F. chiloensis*. Perennial. Wild. Plant.

PI 551788 to 551789-continued

PI 551789 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** July 26, 1985. **locality:** Rogue River Nat. Forest Rd 60 just off Rd 62, old clearcut. **latitude:** 42 deg. 10 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 1530m. **remarks:** Typical morphology for species. Perennial. Wild. Seed.

PI 551790. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Ballington, J.R., North Carolina State Univ., Horticulture Department, Raleigh, North Carolina, United States. Received August 10, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** July 30, 1985. **locality:** Deschutes Nat'l Forest, roadbanks, open forest and clearcut. **latitude:** 43 deg. 50 min. N. **longitude:** 121 deg. 50 min. W. **elevation:** 1530m. **remarks:** Favors partial open spots in Shasta Red Fir Forest. Perennial. Wild. Seed.

PI 551791. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Ballington, J.R., North Carolina State Univ., Horticulture Department, Raleigh, North Carolina, United States. Received August 10, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 30, 1985. **locality:** Deschutes Nat. Forest Rd 1230 5.5 mi above Rd12, roadbanks. **latitude:** 43 deg. 30 min. N. **longitude:** 121 deg. 30 min. W. **elevation:** 1300m. **remarks:** typical morphology for species. Perennial. Wild. Seed.

PI 551792 to 551793. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

PI 551792 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 07, 1985. **locality:** Coniferous forest, Savonlinna Purkaharju Park area open. **latitude:** 64 deg. 00 min. N. **longitude:** 40 deg. 00 min. E. **elevation:** 70m. **remarks:** Few fruit found, few population in collection area, typ.morph. Perennial. Wild. Seed.

PI 551792 to 551793-continued

PI 551793 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 14, 1985. **locality:** Konnevesi, edge of cultivated field open. **latitude:** 63 deg. 00 min. N. **longitude:** 28 deg. 00 min. E. **elevation:** 100m. **remarks:** Typical morph. only one clone found with one mature frt. Perennial. Wild. Seed.

PI 551794. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** September 15, 1985. **locality:** Mt. Hood National Forest Trail 772 to Burnt Lake. **latitude:** 45 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1000m. **remarks:** Typical morph. runner plants from 3 clones collected. Perennial. Wild. Plant.

PI 551795. *Fragaria* hybrid ROSACEAE Strawberry

Donated by: Holloway, Patricia, University of Alaska, Horticulture Department, Fairbanks, Alaska, United States. Received October 29, 1985.

origin: United States. **origin institute:** University of Alaska, Agricultural Experiment Station, College, Alaska. **cultivar:** Sitka hybrid. **pedigree:** Hollis x F. chiloensis. **remarks:** Very hardy. Perennial. Breeding Material. Plant.

PI 551796. *Fragaria* x *ananassa* Duchesne ROSACEAE Strawberry

Donated by: Holloway, Patricia, University of Alaska, Horticulture Department, Fairbanks, Alaska, United States. Received October 29, 1985.

origin: United States. **origin institute:** University of Alaska, Agricultural Experiment Station, College, Alaska. **cultivar:** Alaska Pioneer. **pedigree:** Senga Sengana x Alaska 292 (*F. virginiana*). **other id:** Alaska Pioneer. **other id:** Alaska 6344. **remarks:** Very hardy, fruit med to small, early, home garden variety. Perennial. Cultivar. Plant.

PI 551797 to 551798. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received February 14, 1986.

PI 551797 **origin:** United States. **historical origin:** United States. **origin institute:** University of North Carolina, Agricultural Experiment Station, Willard, North Carolina. **cultivar:** Earlibelle. **pedigree:** Albritton x MDUS 2101. **other id:** NC 2486. **remarks:** Early commercial southern cultivar, large fruit, high yielder. Perennial. Cultivar. Plant.

PI 551798 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 3022. **remarks:** Source of resistance to Red Stele A5 strain. Perennial. Breeding Material. Plant.

PI 551799 to 551801. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Theusen, A., Research Center for Horticulture, Arslev, Denmark. Received April 11, 1986.

PI 551799 **origin:** Denmark. **origin institute:** Research Center for Horticulture, Institute of Vegetables, Arslev DK-5792. **cultivar:** Dania. Perennial. Cultivar. Plant.

PI 551800 **origin:** Denmark. **origin institute:** Research Center for Horticulture, Institute of Vegetables, Arslev DK-5792. **cultivar:** Zefyr. Perennial. Cultivar. Plant.

PI 551801 **origin:** Denmark. **origin institute:** Research Center for Horticulture, Institute of Vegetables, Arslev DK-5792. **cultivar:** Mimek. Perennial. Cultivar. Plant.

PI 551802. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received May 05, 1986.

origin: United States. **historical origin:** Canada. **cultivar:** British Sovereign. **pedigree:** Unknown, chance seedling. **other id:** Victoria. **remarks:** Was the standard variety in BC for many years but production is limited nowadays. Perennial. Cultivar. Plant.

PI 551803. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received June 26, 1986.

PI 551803-continued

origin: United States. **historical origin:** United States.
cultivar: Redrich. **pedigree:** Wayzata x Fairfax. **other id:** Red-Glo. **other id:** Hagerstrom Red-Rich. **other id:** Hagerstrom's Everbearing. **remarks:** Everbearing, adapted to Northern States. Perennial. Cultivar. Plant.

PI 551804. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received August 22, 1986.

origin: United States. **historical origin:** France.
cultivar: La Sans Rivale. **pedigree:** General de Castelman x Madame Poincare. **other id:** Sans Rivale. **remarks:** Vigorous, large, leading everbearer in France. Perennial. Cultivar. Tissue Culture.

PI 551805 to 551806. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 16, 1986.

PI 551805 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Virginia Strawberry.
collected: August 04, 1986. **locality:** 5 km N of Haight Mtn, 3 km W of Tennant, very dry site. **latitude:** 41 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1300m. Perennial. Wild. Plant.

PI 551806 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Virginia Strawberry.
collected: August 04, 1986. **locality:** Tennant, open young coniferous forest, dry. **latitude:** 41 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1380m. **remarks:** Typical. Perennial. Wild. Plant.

PI 551807. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Jahn, Otto, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 16, 1986.

origin: United States. **pedigree:** Collected from the wild in California. **local name:** Woodland Strawberry.
collected: August 04, 1986. **locality:** N of Haphazard Creek Bridge in old logged area. **latitude:** 39 deg. 40 min. N. **longitude:** 121 deg. 35 min. W. **elevation:** 1280m. **remarks:** Typical, common, no fruit. Perennial. Wild. Plant.

PI 551808. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received September 15, 1986.

origin: United States. **origin institute:** USDA/ARS, BARC-West, Beltsville, Maryland. **cultivar:** Stoplight N11. **pedigree:** Selection from cultivar Stoplight. **remarks:** Green clone selected. Perennial. Breeding Material. Tissue Culture.

PI 551809. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received October 17, 1986.

origin: United States. **historical origin:** Netherlands. **origin institute:** Inst. Hort. Plant Breeding, Haagsteeg 3 6708 PM, Wageningen, Maryland. **cultivar:** Elvira. **other id:** Plant Patent ?. **group:** PLNT. Perennial. Cultivar. Tissue Culture.

PI 551810. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Broome, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received February 27, 1987.

origin: United States. **historical origin:** Taiwan. **cultivar:** To-Wan. Perennial. Cultivar. Tissue Culture.

PI 551811. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Botanical Acad. Sci., Taschkent, Uzbek SSR, USSR. Received April 20, 1987.

origin: USSR. **pedigree:** Open-pollinated seed from botanical collection. Perennial. Cultivated. Seed.

PI 551812. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Chandler, Jim, USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 06, 1987.

origin: United States. **origin institute:** NCGR-Corvallis, 33447 Peoria Rd, Corvallis, Oregon 97333. **pedigree:** Open-pollinated seed of seedlot CFRA 67. **local name:** Virginia Strawberry. **collected:** 1985. Perennial. Breeding Material. Seed.

PI 551813. *Fragaria vesca* var. *crinita* (Rydb.) C. Hitchc. ROSACEAE
Strawberry

Donated by: Hummer, K.E., USDA/ARS, NCGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon, United States. Received July 10, 1987.

origin: United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Woodland Strawberry. **collected:**
July 05, 1987. **locality:** Lost Lake, near lakeshore.
latitude: 44 deg. 30 min. N. **longitude:** 122 deg. 00 min.
W. **elevation:** 1250m. Perennial. Wild. Seed.

PI 551814. *Fragaria* x *ananassa* Duchesne ROSACEAE Strawberry

Donated by: Mageau, O.C., USDA/ARS, Horticultural Science Inst.,
Beltsville, Maryland, United States. Received July 23, 1987.

origin: United States. **historical origin:** United States.
origin institute: University of California, Agricultural
Experiment Station, Davis, California 95616. **cultivar:**
Selva. **other id:** Plant Patent 5266. **group:** PLNT.
remarks: Day-neutral. Perennial. Cultivar. Tissue
Culture.

PI 551815. *Fragaria ovalis* (Lehm.) Rydb. ROSACEAE Strawberry

Donated by: Mageau, O.C., USDA/ARS, Horticultural Science Inst.,
Beltsville, Maryland, United States. Received July 23, 1987.

origin: United States. **historical origin:** United States.
cultivar: Clark. **pedigree:** Possibly a selection from a
wild seedlot (?). Perennial. Cultivar. Tissue Culture.

PI 551816 to 551819. *Fragaria virginiana* subsp. *platypetala* (Rydb.)
Staudt ROSACEAE Strawberry

Donated by: Thompson, M.M., Oregon State University, Horticulture
Department, Corvallis, Oregon, United States. Received August 26,
1987.

PI 551816 **origin:** United States. **pedigree:** Collected from the wild
in Colorado. **collected:** July 24, 1987. **locality:** 2m
south of Ashcroft along Castle Creek. **latitude:** 39 deg.
02 min. N. **longitude:** 106 deg. 47 min. W. **elevation:**
2896m. **remarks:** Plants in meadow mixed with grass and
other herbs. Perennial. Wild. Seed.

PI 551816 to 551819-continued

- PI 551817 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **collected:** July 26, 1987. **locality:** Pitkin Co, approx 100m before reaching Crater Lake. **latitude:** 39 deg. 05 min. N. **longitude:** 106 deg. 58 min. W. **elevation:** 3100m. **remarks:** Plants on dry slope with full exposure, therefore, small plants and small fruit. Perennial. Wild. Seed.
- PI 551818 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **collected:** August 01, 1987. **locality:** Pitkin Co, about 4mi from Hiway 82 on Lincoln Creek Road. **latitude:** 39 deg. 05 min. N. **longitude:** 106 deg. 38 min. W. **elevation:** 3050m. **remarks:** Fruits ripe, soft but not highly red-colored, some very light pink to whitish flesh but seeds look ripe. Perennial. Wild. Seed.
- PI 551819 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **collected:** August 07, 1987. **locality:** About 16mi from Aspen on Castle Creek Rd towards Taylor Pass. **latitude:** 39 deg. 01 min. N. **longitude:** 106 deg. 48 min. W. **elevation:** 3048m. **remarks:** Plants vigorous and more productive than usual, fruit size 7mm x 14mm. Perennial. Wild. Seed.

PI 551820. *Fragaria virginiana* subsp. *platypetala* (Rydb.) Staudt
ROSACEAE Strawberry

Donated by: Westwood, M.N., USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 18, 1987.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Virginia Strawberry. **collected:** October 1987. **locality:** Sun River, under mixed shade in lodgepole pine stand. **latitude:** 43 deg. N. **longitude:** 121 deg. W. **elevation:** 1292m. **remarks:** no description given. Perennial. Wild. Plant.

PI 551821 to 551827. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Kennedy, C.T., California Rare Fruit Growers, Atherton, California, United States. Received October 26, 1987.

- PI 551821 **origin:** United States. **cultivar:** Pineapple Crush. **pedigree:** Uncertain. Perennial. Cultivar. Plant.
- PI 551822 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** Delices. **remarks:** Not commercially available in US. Perennial. Cultivar. Seed.

PI 551821 to 551827-continued

PI 551823 **origin:** United States. **historical origin:** France.
cultivar: Belle de Meaux. **remarks:** Old Cultivar, not
commercially available in US. Perennial. Cultivar.
Seed.

PI 551824 **origin:** United States. **historical origin:** France.
cultivar: Reine des Vallees. **remarks:** Old cultivar, not
commercially available in US. Perennial. Cultivar.
Seed.

PI 551825 **origin:** United States. **cultivar:** New Giant. **pedigree:**
Improved selection of the strain Rugen. **remarks:** Not
available commercially in US. Perennial. Cultivar.
Plant.

PI 551826 **origin:** United States. **historical origin:** UNCERTAIN.
cultivar: Alexandria. **pedigree:** Clone of Alpine.
Perennial. Cultivar. Plant.

PI 551827 **origin:** United States. **cultivar:** Yellow Wonder.
pedigree: Uncertain, probably a seedling selection from
F. vesca. **remarks:** Not available commercially in the US.
Perennial. Cultivar. Plant.

PI 551828 to 551829. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Kennedy, C.T., California Rare Fruit Growers, Atherton,
California, United States. Received December 04, 1987.

PI 551828 **origin:** United States. **historical origin:** United States.
cultivar: Senator Dunlap. **pedigree:** Unknown. **remarks:**
Formerly grown in the 1920's. Perennial. Cultivar.
Plant.

PI 551829 **origin:** United States. **cultivar:** Snow Queen. **remarks:**
Albino. Perennial. Cultivar. Plant.

PI 551830. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Mageau, O.C., USDA/ARS, Horticultural Science Inst.,
Beltsville, Maryland, United States. Received December 28, 1987.

origin: United States. **origin institute:** University of
Maryland, USDA/ARS, College Park, Maryland. **cultivar:**
Lateglow. **pedigree:** Tamella x MDUS 3184. Perennial.
Cultivar. Tissue Culture.

PI 551831. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Daubeney, Hugh A., Agriculture Canada, Vancouver Research Station, 6660 Marine Drive, Vancouver, British Columbia, Canada. Received January 14, 1988.

origin: Canada. **origin institute:** Agriculture Canada, Research Station, 660 NW Marine Dr., Vancouver, BC, British Columbia V6T 1X2. **cultivar:** Sumas. **pedigree:** Cheam x Tioga. **remarks:** Early ripening, productive cultivar. Perennial. Cultivar. Plant.

PI 551832. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Robbins, Joanne, Washington State University, Western Washington Research and, Extension Center, Puyallup, Washington, United States. Received March 17, 1988.

origin: United States. **origin institute:** Washington State University and, USDA/ARS, Agricultural Research Station, Puyallup, Washington 98371-4998. **cultivar:** Tillikum. **pedigree:** Totem x UC 65.65-601. **remarks:** Virus tolerant, good for home garden use in PNW Joint release with Univ. of Idaho and Oregon State Univ. Perennial. Cultivar. Plant.

PI 551833. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Wiedrlechner, Mark, USDA/ARS/NC-7 Plant Intro. Station, Iowa State University, Ames, Iowa, United States. Received July 11, 1988.

origin: United States. **pedigree:** Collected from the wild in New Mexico. **local name:** Woodland Strawberry. **collected:** June 26, 1988. **locality:** Sierra Grande, in ponderosa pine-Singleseed juniper savannah. **latitude:** 36 deg. 43 min. N. **longitude:** 103 deg. 54 min. W. **elevation:** 2500m. **remarks:** Variable shape, conical to round, nice groundcover. Perennial. Wild. Seed.

PI 551834. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Kennedy, C.T., California Rare Fruit Growers, Atherton, California, United States. Received September 13, 1988.

origin: United States. **historical origin:** United States. **origin institute:** W. Atlee Burpee Company, Fordhook Farms, Doylestown, Pennsylvania 18901. **cultivar:** Reugen. **other id:** Ruegen Improved. **remarks:** This is an old vesca cultivar, can be propagated from seed. Perennial. Cultivar. Seed.

PI 551835. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Reed, Barbara, USDA/ARS NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 20, 1988.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Woodland Strawberry. **collected:** July 17, 1988. **locality:** 25 miles west of Santiam Pass, Cascade Mts. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. W. **elevation:** 1000m. **remarks:** Identity uncertain, no fruit or flowers present when rec'd. Perennial. Wild. Plant.

PI 551836 to 551840. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Daubeney, Hugh A., Agriculture Canada, Vancouver Research Station, 6660 Marine Drive, Vancouver, British Columbia, Canada. Received October 07, 1988.

PI 551836 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Beaverlodge, Alberta TOH 0C0. **cultivar:** Beaver Sweet. **pedigree:** Sitka x Cheyenne 2. **other id:** Selection 7223. **remarks:** Hardiness equal to Protém. Yield 2-3x that of Protém and ripens earlier. Plants open, runners freely. Perennial. Cultivar. Plant.

PI 551837 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Beaverlodge, Alberta TOH 0C0. **cultivar:** Beaver Ruby. **pedigree:** Sitka x Cavalier. **other id:** Selection 7247. **remarks:** Equal hardiness to Protém, earlier. Excellent full flavor Plants short, runner freely. Perennial. Cultivar. Plant.

PI 551838 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Beaverlodge, Alberta TOH 0C0. **cultivar:** Beaver Early. **pedigree:** Cavalier x Protém. **other id:** Selection 6948. **remarks:** Hardier than Protém, 10-24 days earlier. Excellent flavor Runners freely. Perennial. Cultivar. Plant.

PI 551839 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Beaverlodge, Alberta TOH 0C0. **cultivar:** Beaver Belle. **pedigree:** Sitka x Protém. **other id:** Selection 7257. **remarks:** Hardier than Protém, 1-2 wk earlier. Good flavor, tart. Plants taller than Protém, runner freely. Perennial. Cultivar. Plant.

PI 551836 to 551840-continued

PI 551840 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Beaverlodge, Alberta TOH 0C0. **cultivar:** Protem. **pedigree:** Glenheart x Cheyenne 2. **remarks:** Hardy in Zone 2. Moderate yield, excellent flavor Plants vigorous, runner freely. Perennial. Cultivar. Plant.

PI 551841. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Truedsson, Ake, Klagshamn, Sweden. Received October 07, 1988.

origin: Sweden. **historical origin:** United States. **origin institute:** Private Breeder, Aurora, Oregon. **pedigree:** Seedling selection from wild Swedish seedlot CFRA 1046. Perennial. Breeding Material. Plant.

PI 551842 to 551846. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received October 05, 1988.

PI 551842 **origin:** United States. **historical origin:** United States. **cultivar:** Marshall. **pedigree:** Chance seedling. **other id:** Banner. **other id:** Oregon. **other id:** Imperial Oregon. **remarks:** Older West Coast variety, replaced by Shasta and Northwest. Perennial. Cultivar. Plant.

PI 551843 **origin:** United States. **historical origin:** United States. **cultivar:** Marshall. **pedigree:** Chance seedling. **other id:** Banner. **other id:** Oregon. **other id:** Imperial Oregon. **remarks:** Older West Coast variety, replaced by Shasta and Northwest. Perennial. Cultivar. Plant.

PI 551844 **origin:** United States. **historical origin:** United States. **cultivar:** Marshall. **pedigree:** Chance seedling. **other id:** Banner. **other id:** Oregon. **other id:** Imperial Oregon. **remarks:** Older West Coast variety, replaced by Shasta and Northwest. Perennial. Cultivar. Plant.

PI 551845 **origin:** United States. **historical origin:** United States. **cultivar:** Marshall UCM 3583. **pedigree:** Chance seedling. **other id:** Banner. **other id:** Oregon. **other id:** Imperial Oregon. **remarks:** Older West Coast variety, replaced by Shasta and Northwest. Perennial. Cultivar. Plant.

PI 551842 to 551846-continued

PI 551846 **origin:** United States. **historical origin:** United States.
origin institute: Washington State University, Extension
Station, Puyallup, Washington. **cultivar:** Quinalt.
pedigree: WSU 901 (sib of Nisqually) x Puget Beauty.
other id: WSU 1105. **remarks:** Everbearing, fruit very
large, flavorful, colorful, soft solid crimson, somewhat
glossy. Perennial. Cultivar. Plant.

PI 551847. *Fragaria* hybrid ROSACEAE Strawberry

Donated by: Kennedy, C.T., California Rare Fruit Growers, Atherton,
California, United States. Received November 29, 1988.

origin: United States. **historical origin:** United
Kingdom. **origin institute:** University of Cambridge,
School of Agriculture, Horticultural Research Station,
Cambridge, England. **cultivar:** Cambridge Late Pine.
pedigree: *F. chiloensis* type seedling x Fairfax. **other
id:** Cambridge 490. **remarks:** Grown in home gardens only
because fruit is very dark. Perennial. Cultivar.
Plant.

PI 551848. *Fragaria* x *ananassa* Duchesne ROSACEAE Strawberry

Donated by: Mageau, O.C., USDA/ARS, Horticultural Science Inst.,
Beltsville, Maryland, United States. Received December 20, 1988.

origin: United States. **historical origin:** United
Kingdom. **cultivar:** Victorian Nameless. Perennial.
Cultivar. Plant.

PI 551849. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Mageau, O.C., USDA/ARS, Horticultural Science Inst.,
Beltsville, Maryland, United States. Received December 20, 1988.

origin: United States. **origin institute:** University of
Maryland, USDA/ARS, College Park, Maryland. **cultivar:**
5076 N30. **other id:** MD5076. **remarks:** Good red stele
resistance, good outcrosser. Perennial. Breeding
Material. Plant.

PI 551850. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Kennedy, C.T., California Rare Fruit Growers, Atherton,
California, United States. Received January 12, 1989.

origin: United States. Perennial. Plant.

PI 551851 to 551854. *Fragaria nubicola* Lindley ex Lacaita ROSACEAE
Strawberry

Donated by: Thompson, M.M., Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received January 12, 1989.

PI 551851 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **local name:** Magaroos (in Kohistani). **collected:** May 24, 1988. **locality:** Nathiagali, forest floor on steep mountain slope. **latitude:** 34 deg. 03 min. N. **longitude:** 73 deg. 24 min. E. **elevation:** 2600m. **remarks:** Fruit trusses equal to or to 4cm above leaves, very upright, highly aromatic. Perennial. Wild. Seed.

PI 551852 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **local name:** Magaroos (in Kohistani). **collected:** June 20, 1988. **locality:** 1-2km W of Kalam on forest floor on steep mountain slope. **latitude:** 35 deg. 34 min. N. **longitude:** 72 deg. 34 min. E. **elevation:** 2350m. **remarks:** Collected from many plants. Few plants still blooming, most with ripe fruit. 2-5 fruit/peduncle. Perennial. Wild. Seed.

PI 551853 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **local name:** Magaroos (in Kohistani). **collected:** July 05, 1988. **locality:** 7km north of Kagan, former slide area being revegetated. **latitude:** 34 deg. 48 min. N. **longitude:** 73 deg. 33 min. E. **elevation:** 2400m. **remarks:** All fruit mature, very good flavor, very aromatic, some round and some oval, more elongate than previous collections. Perennial. Wild. Seed.

PI 551854 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **local name:** Magaroos (in Kohistani). **collected:** May 27, 1988. **locality:** NE of Islamabad. **latitude:** 33 deg. 50 min. N. **longitude:** 73 deg. 18 min. E. **elevation:** 1714m. **remarks:** Bought from children at roadside along road to Murree. Perennial. Wild. Seed.

PI 551855 to 551858. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received March 16, 1989.

PI 551855 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 4688 ORUSM 81. **pedigree:** Selection. **remarks:** USDA/OSU Small Fruit Certified Stock. Perennial. Breeding Material. Cutting.

PI 551855 to 551858-continued

PI 551856 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 4357 ORUSM 202. **pedigree:** Selection. **remarks:** USDA/OSU Small Fruit Certified Stock. Perennial. Breeding Material. Cutting.

PI 551857 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 4817 ORUSM 926. **pedigree:** Selection. **remarks:** USDA/OSU Small Fruit Certified Stock. Perennial. Breeding Material. Cutting.

PI 551858 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 4816 ORUSM 173. **pedigree:** Selection. **remarks:** USDA/OSU Small Fruit Certified Stock. Perennial. Breeding Material. Cutting.

PI 551859. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon, United States. Received March 16, 1989.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Redcrest. **pedigree:** Linn x Totem. **other id:** ORUS 4930. **remarks:** Late season, high-quality processing strawberry, developed for the Pacific Northwest, intermediate red stele resistance. Perennial. Cultivar. Cutting.

PI 551860 to 551863. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab, Beltsville, Maryland, United States. Received April 17, 1989.

PI 551860 **origin:** United States. **historical origin:** Taiwan. **cultivar:** The Sun. Perennial. Cultivar. Plant.

PI 551861 **origin:** United States. **historical origin:** Taiwan. **cultivar:** Taiwan Farmer. Perennial. Cultivar. Plant.

PI 551862 **origin:** United States. **historical origin:** United States. **origin institute:** Mississippi State University, Mississippi. **cultivar:** EarliMiss. **pedigree:** Albritton x (?). **remarks:** Very productive, drought tolerant, vigorous, resistant to foliar diseases. Perennial. Cultivar. Plant.

PI 551860 to 551863-continued

PI 551863 **origin:** United States. **historical origin:** Japan.
cultivar: Himiko. Perennial. Cultivar. Plant.

PI 551864. *Fragaria orientalis* Los.-Losinsk. ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab,
Beltsville, Maryland, United States. Received April 17, 1989.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Asian seedlot CFRA 1047. Perennial. Breeding
Material. Plant.

PI 551865. *Fragaria viridis* Duchesne ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab,
Beltsville, Maryland, United States. Received April 17, 1989.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild European seedlot CFRA 1048. Perennial.
Breeding Material. Plant.

PI 551866. *Fragaria iinumae* Makino ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab,
Beltsville, Maryland, United States. Received April 17, 1989.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Asian seedlot CFRA 1049. Perennial. Breeding
Material. Plant.

PI 551867. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab,
Beltsville, Maryland, United States. Received April 17, 1989.

* *Fragaria* sp. ROSACEAE Strawberry
origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS-NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild European seedlot CFRA 1050. Perennial.
Breeding Material. Plant.

PI 551868. *Fragaria nipponica* Makino ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab, Beltsville, Maryland, United States. Received April 17, 1989.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Asian seedlot CFRA 1051. Perennial. Breeding Material. Plant.

PI 551869. *Fragaria moschata* Duchesne ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab, Beltsville, Maryland, United States. Received April 17, 1989.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild European seedlot CFRA 1052. Perennial. Breeding Material. Plant.

PI 551870. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Moore, Patrick, Washington State University, Extension Center, Puyallup, Washington, United States. Received May 03, 1989.

origin: United States. **historical origin:** United States.
cultivar: Marshall. **pedigree:** Chance seedling. **other id:** Banner. **other id:** Oregon. **other id:** Imperial Oregon. **remarks:** This clone is said to be from the original Marshall stock. Perennial. Cultivar. Cutting.

PI 551871 to 551873. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Mageau, O.C., USDA/ARS, Horticultural Science Inst., Beltsville, Maryland, United States. Received July 17, 1989.

PI 551871 **origin:** United States. **historical origin:** United States.
cultivar: Streamliner. **pedigree:** Unknown, chance seedling. **remarks:** Everbearing, heavy spring cropper, runners freely. Perennial. Cultivar. Tissue Culture.

PI 551872 **origin:** United States. **historical origin:** Taiwan.
cultivar: Hsing Yu. Perennial. Cultivar. Tissue Culture.

PI 551871 to 551873-continued

PI 551873 **origin:** United States. **historical origin:** South Africa.
origin institute: Horticultural Research Institute,
Roodeplaat, Pretoria, Maryland. **cultivar:** Seleкта.
pedigree: Earlibelle x Torrey. **remarks:** Replacement
plant for CFRA 533. Perennial. Cultivar. Tissue
Culture.

PI 551874 to 551878. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Luby, James J., University of Minnesota, Department of
Horticulture, St. Paul, Minnesota, United States. Received August
10, 1989.

* PI 551874 *Fragaria vesca* L. ROSACEAE Strawberry
origin: United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Wyoming seedlot CFRA 1053. Perennial.
Breeding Material. Plant.

PI 551875 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Wyoming seedlot CFRA 1054. Perennial.
Breeding Material. Plant.

PI 551876 **origin:** United States. **pedigree:** Collected from the wild
in Wyoming. **collected:** 1989. **locality:** Shoshone Nat'l
Forest, gravelly roadbank in spruce forest. **latitude:** 45
deg. 00 min. N. **longitude:** 109 deg. 30 min. W.
elevation: 2800m. Perennial. Wild. Plant.

PI 551877 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Montana seedlot CFRA 1056. Perennial.
Breeding Material. Plant.

PI 551878 **origin:** United States. **pedigree:** Collected from the wild
in South Dakota. **collected:** 1989. **locality:** Black Hills
Nat'l Forest, High Road. **latitude:** 44 deg. 30 min. N.
longitude: 103 deg. 50 min. W. **elevation:** 1980m.
Perennial. Wild. Plant.

PI 551879 to 551883. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Luby, James J., University of Minnesota, Department of
Horticulture, St. Paul, Minnesota, United States. Received August
10, 1989.

PI 551879 to 551883-continued

- * PI 551879 *Fragaria virginiana* Duchesne ROSACEAE Strawberry
origin: United States. **pedigree:** Collected from the wild in South Dakota. **collected:** 1989. **locality:** Black Hills Nat'l Forest, Rapid Creek, lush stream bed area. **latitude:** 44 deg. 20 min. N. **longitude:** 103 deg. 50 min. W. **elevation:** 1845m. Perennial. Wild. Seed.

- * PI 551880 *Fragaria virginiana* Duchesne ROSACEAE Strawberry
origin: United States. **pedigree:** Collected from the wild in Wyoming. **collected:** 1989. **locality:** Shoshone Nat'l Forest, Blackwater Creek crossing along trail. **latitude:** 44 deg. 30 min. N. **longitude:** 109 deg. 40 min. W. **elevation:** 2070m. Perennial. Wild. Plant.

- * PI 551881 *Fragaria vesca* L. ROSACEAE Strawberry
origin: United States. **pedigree:** Collected from the wild in South Dakota. **collected:** 1989. **locality:** Black Hills Nat'l Forest, along roadside near Mt. Rushmore. **latitude:** 43 deg. 50 min. N. **longitude:** 103 deg. 30 min. W. **elevation:** 1600m. Perennial. Wild. Plant.

- * PI 551882 *Fragaria vesca* L. ROSACEAE Strawberry
origin: United States. **pedigree:** Collected from the wild in Wyoming. **collected:** 1989. **locality:** Shoshone Nat'l Forest, Clayton Mountain, scree slope. **latitude:** 44 deg. 20 min. N. **longitude:** 109 deg. 40 min. W. **elevation:** 2590m. Perennial. Wild. Plant.

- * PI 551883 *Fragaria vesca* L. ROSACEAE Strawberry
origin: United States. **pedigree:** Collected from the wild in Wyoming. **collected:** 1989. **locality:** Shoshone Nat'l Forest, Blackwater Creek, lush roadside. **latitude:** 44 deg. 30 min. N. **longitude:** 109 deg. 40 min. W. **elevation:** 2070m. Perennial. Wild. Plant.

PI 551884 to 551886. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Luby, James J., University of Minnesota, Department of Horticulture, St. Paul, Minnesota, United States. Received August 10, 1989.

- PI 551884 **origin:** United States. **pedigree:** Collected from the wild in South Dakota. **local name:** Woodland Strawberry. **collected:** 1989. **locality:** Black Hills Nat'l Forest, Potato Gulch, along roadside. **latitude:** 43 deg. 45 min. N. **longitude:** 103 deg. 30 min. W. **elevation:** 1188m. Perennial. Wild. Plant.

PI 551884 to 551886-continued

PI 551885 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Woodland Strawberry. **collected:** 1989. **locality:** Bighorn Nat'l Forest, Turkey Creek, high elevation. **latitude:** 44 deg. 40 min. N. **longitude:** 108 deg. 30 min. W. **elevation:** 2210m. Perennial. Wild. Plant.

PI 551886 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Woodland Strawberry. **collected:** 1989. **locality:** Bighorn Nat'l Forest, Shell Falls, dry site in a canyon. **latitude:** 44 deg. 30 min. N. **longitude:** 108 deg. 40 min. W. **elevation:** 1860m. Perennial. Wild. Plant.

PI 551887. *Fragaria virginiana* subsp. *glauca* (S. Watson) Staudt
ROSACEAE Strawberry

Donated by: Luby, James J., University of Minnesota, Department of Horticulture, St. Paul, Minnesota, United States. Received August 24, 1989.

origin: United States. **pedigree:** Collected from the wild in Idaho. **collected:** 1989. **locality:** Bitterroot Nat'l Forest, Hell's Half Acre Saddle, very dry. **latitude:** 45 deg. 30 min. N. **longitude:** 114 deg. 20 min. W. **elevation:** 1980m. Perennial. Wild. Seed.

PI 551888 to 551889. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Luby, James J., University of Minnesota, Department of Horticulture, St. Paul, Minnesota, United States. Received August 24, 1989.

PI 551888 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** 1989. **locality:** Lewis & Clark Nat'l Forest, roadside clearcut. **latitude:** 46 deg. 40 min. N. **longitude:** 110 deg. 40 min. W. **elevation:** 2255m. **remarks:** Extremely variable for leaf shape, glaucousness, other chars. Perennial. Wild. Plant.

PI 551889 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** 1989. **locality:** Gallatin Nat'l Forest, in open forest. **latitude:** 46 deg. 00 min. N. **longitude:** 110 deg. 20 min. W. **elevation:** 1965m. Perennial. Wild. Plant.

PI 551890 to 551893. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: White, George, USDA/ARS/PIO, BARC-West, Beltsville, Maryland, United States. Received September 25, 1989.

PI 551890 **origin:** USSR. **pedigree:** Open pollinated from botanical garden. **collected:** July 08, 1989. **locality:** Arboretum in Central Siberian Botanical Garden. **remarks:** Associated with *Lonicera*, *Salix*. Most fruit slightly immat. Perennial. Cultivated. Seed.

PI 551891 **origin:** USSR. **pedigree:** Collected from the wild in the Soviet Union. **collected:** July 10, 1989. **locality:** Roadside, HWY 34 km marker 172. Perennial. Wild. Seed.

PI 551892 **origin:** USSR. **pedigree:** Open pollinated from botanical garden. **collected:** July 12, 1989. **locality:** Botanic Garden Station. Perennial. Cultivated. Seed.

PI 551893 **origin:** USSR. **pedigree:** Collected from the wild in the Soviet Union. **collected:** July 12, 1989. **locality:** Campsite. Perennial. Wild. Seed.

PI 551894. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Luby, James J., University of Minnesota, Department of Horticulture, St. Paul, Minnesota, United States. Received October 12, 1989.

origin: United States. **origin institute:** University of Minnesota, St. Paul, Minnesota. **pedigree:** Open pollinated *F. virginiana* from Minnesota. **remarks:** Parent clones all had day-neutral flowering. Perennial. Breeding Material. Seed.

PI 551895 to 551902. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Merkel, Thomas, 209 Washington Road, Leighton, Pennsylvania, United States. Received October 30, 1989.

PI 551895 **origin:** United States. **historical origin:** United States. **cultivar:** Arkansas Wonder. Perennial. Cultivar. Plant.

PI 551896 **origin:** United States. **historical origin:** United States. **origin institute:** Farmer Seed and Nursery Company, Port Hope Township, Bemidji, Minnesota. **cultivar:** Bemidji Chief. **pedigree:** Chance seedling discovered in row of Montana Progressive. **other id:** Chief Bemidji. **other id:** Plant Patent 2147. **group:** PREV. **remarks:** Everbearing, extremely hardy and vigorous. Perennial. Cultivar. Plant.

PI 551895 to 551902-continued

PI 551897 **origin:** United States. **historical origin:** United States.
origin institute: Sakuma Nursery, California. **cultivar:**
Burlington. **other id:** Plant Patent 5674. **group:** PLNT.
remarks: Day-neutral, reasonably vigorous and productive.
Perennial. Cultivar. Plant.

* PI 551898 *Fragaria vesca* L. ROSACEAE Strawberry
origin: United States. **cultivar:** Frost King. Perennial.
Cultivar. Plant.

PI 551899 **origin:** United States. **historical origin:** UNCERTAIN.
cultivar: North Sea. Perennial. Cultivar. Plant.

PI 551900 **origin:** United States. **historical origin:** Netherlands.
cultivar: Ostara. **remarks:** Leading commercial variety in
Holland, very productive. Perennial. Cultivar. Plant.

PI 551901 **origin:** United States. **historical origin:** France.
cultivar: Paris Spectacular. **remarks:** Everbearing.
Perennial. Cultivar. Plant.

PI 551902 **origin:** United States. **historical origin:** United States.
origin institute: Wyoming State University, USDA/ARS,
Horticultural Field Station, Cheyenne, Wyoming.
cultivar: Radiance. **pedigree:** Montana x [Early Cheyenne
1 x Cheyenne 430-2]. **remarks:** Everbearing, hardy,
vigorous, recommended for Colorado and Wyoming.
Perennial. Cultivar. Plant.

PI 551903 to 551907. *Fragaria* hybrid ROSACEAE Strawberry

Donated by: Merkel, Thomas, 209 Washington Road, Leighton,
Pennsylvania, United States. Received October 30, 1989.

PI 551903 **origin:** United States. **historical origin:** United States.
origin institute: 'Ettersburg Experiment Place',
Ettersburg, California. **cultivar:** Califour. **pedigree:**
Unknown. **remarks:** Berry has a wild flavor, but is too
fragile for commerce. Perennial. Primitiv-cv. Plant.

PI 551904 **origin:** United States. **historical origin:** United States.
origin institute: 'Ettersburg Experiment Place',
Ettersburg, California. **cultivar:** Ettersburg 121.
pedigree: *F. chiloensis* (Cape Mendocino) x *F. vesca* cv.
Alpine. **other id:** E121. **remarks:** Once widely grown in
Oregon for canning. Perennial. Primitiv-cv. Plant.

PI 551903 to 551907-continued

PI 551905 **origin:** United States. **historical origin:** United States.
origin institute: 'Ettersburg Experiment Place',
Ettersburg, California. **cultivar:** Latecross. **pedigree:**
Unknown. **remarks:** Berry large and high quality, but an
erratic bearer. Perennial. Primitiv-cv. Plant.

PI 551906 **origin:** United States. **historical origin:** United States.
origin institute: 'Ettersburg Experiment Place',
Ettersburg, California. **cultivar:** Red Cross. **pedigree:**
Ettersburg No. 216 x Trebla. **remarks:** Medium vigor, very
productive, early fruit. Perennial. Primitiv-cv. Plant.

PI 551907 **origin:** United States. **historical origin:** United States.
origin institute: 'Ettersburg Experiment Place',
Ettersburg, California. **cultivar:** Trebla. **pedigree:**
Ell4 x E84, a composite of chiloensis, vesca,
californica. **remarks:** Perfect, dwarfish, unproductive,
parent of Red Cross. Perennial. Primitiv-cv. Plant.

PI 551908. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Merkel, Thomas, 209 Washington Road, Leighton,
Pennsylvania, United States. Received October 30, 1989.

* *Fragaria vesca* L. ROSACEAE Strawberry
origin: United States. **historical origin:** United States.
origin institute: Burgess Seed and Plant Company,
Galesburg, Michigan. **cultivar:** Snow King. **pedigree:**
Seedling selection from the wild. **remarks:**
White-fruited, flesh is very sweet, wild strawberry
flavor. Perennial. Cultivar. Plant.

PI 551909. *Fragaria vesca* L. subsp. *vesca* ROSACEAE Strawberry

Donated by: Truedsson, Ake, Klagshamn, Sweden. Received December
20, 1989.

origin: Sweden. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Swedish seedlot CFRA 1060. Perennial.
Breeding Material. Plant.

PI 551910 to 551911. *Fragaria* hybrid ROSACEAE Strawberry

Donated by: Cowan, David, Harbor, Oregon, United States. Received
January 02, 1990.

PI 551910 to 551911-continued

PI 551910 **origin:** United States. **historical origin:** United States. **origin institute:** 'Ettersburg Experiment Place', Ettersburg, California. **cultivar:** Latecross. **pedigree:** Unknown. **remarks:** Berries large and high quality, but an erratic bearer. Perennial. Primitiv-cv. Plant.

PI 551911 **origin:** United States. **historical origin:** United States. **origin institute:** 'Ettersburg Experiment Place', Ettersburg, California. **cultivar:** Ettersburg 80. **pedigree:** Complex of *F. chiloensis*, *virginiana* v *glauca* & Rose Etters. **other id:** E80. **other id:** Huxley. **other id:** E89. **remarks:** Once called the 'fireproof strawberry' in California. Perennial. Primitiv-cv. Plant.

PI 551912 to 551957. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab, Beltsville, Maryland, United States. Received January 11, 1990.

PI 551912 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Albritton. **pedigree:** Southland (selfed) x Massey (selfed). **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.

PI 551913 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University and, USDA/ARS, Agricultural Experiment Station, Willard, North Carolina. **cultivar:** Atlas. **pedigree:** NC 1759 x Albritton. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.

PI 551914 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia. **cultivar:** Blomidon. **pedigree:** K72-4 x Holiday. **other id:** K76-3. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Plant.

PI 551915 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** Bogota. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Plant.

PI 551912 to 551957-continued

- PI 551916 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Canoga. **pedigree:** (Senga Sengana x Midland) x Holiday. **other id:** NY 1362. **remarks:** Collection transfer from Galletta's virus indexing program Large, firm fruit, dark red throughout. Perennial. Cultivar. Tissue Culture.
- PI 551917 **origin:** United States. **historical origin:** United States. **origin institute:** University of Florida, Agricultural Research Station, Dover, Florida 33527. **cultivar:** Dover. **pedigree:** Florida Belle x USFL 71-189. **other id:** 73-1965E. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.
- PI 551918 **origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** EB 185. **pedigree:** MDUS 4355 x EB 46. **remarks:** Collection transfer from Galletta's virus indexing program Very productive, well balanced. Perennial. Breeding Material. Plant.
- PI 551919 **origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** EB 372. **pedigree:** Tribute x Brighton. **remarks:** Collection transfer from Galletta's virus indexing program Firm, balanced. Perennial. Breeding Material. Plant.
- PI 551920 **origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** EB 461. **remarks:** Collection transfer from Galletta's virus indexing program Very productive, vigorous, flavorful and healthy. Perennial. Breeding Material. Plant.
- PI 551921 **origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** EB 401. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Plant.
- PI 551922 **origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** EB 417. **remarks:** Collection transfer from Galletta's virus indexing program Productive, about like Tristar. Perennial. Breeding Material. Plant.
- PI 551923 **origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** EB 457. **remarks:** Collection transfer from Galletta's virus indexing program Very productive and vigorous. Perennial. Breeding Material. Plant.

PI 551912 to 551957-continued

- PI 551924 **origin:** United States. **historical origin:** United States. **origin institute:** Mississippi State University, Mississippi. **cultivar:** EarliMiss. **pedigree:** Albritton x (?). **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Plant.
- PI 551925 **origin:** United States. **origin institute:** University of Florida, Agricultural Experiment Station, Lakeland, Florida. **cultivar:** Florida 70-D-34. **pedigree:** Open pollinated seedling of Missionary. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Tissue Culture.
- PI 551926 **origin:** United States. **historical origin:** Japan. **cultivar:** Himiko. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.
- PI 551927 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York. **cultivar:** Jewel. **pedigree:** NY 1221 x Holiday. **other id:** NY 1324. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Plant.
- PI 551928 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 3184. **pedigree:** NC 1768 x Surecrop. **remarks:** Collection transfer from Galletta's virus indexing program Parent of Allstar and Lateglow. Perennial. Breeding Material. Tissue Culture.
- PI 551929 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 3316. **pedigree:** Sunrise x MDUS 3023. **remarks:** Collection transfer from Galletta's virus indexing program BC from Yaquina A, resistant to red stele A-5. Perennial. Breeding Material. Tissue Culture.
- PI 551930 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 3816. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Tissue Culture.
- PI 551931 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 3839. **pedigree:** Earlidawn x MDUS 2713. **remarks:** Collection transfer from Galletta's virus indexing program Early, red stele resistant, large, attractive, flavorful. Perennial. Breeding Material. Tissue Culture.

PI 551912 to 551957-continued

- PI 551932 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4234. **pedigree:** Sunrise x MDUS 3575. **remarks:** Collection transfer from Galletta's virus indexing program Late, very productive, large, firm. Perennial. Breeding Material. Tissue Culture.
- PI 551933 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4258. **pedigree:** MDUS 2713 x MDUS 3364. **remarks:** Collection transfer from Galletta's virus indexing program Early, verticillium and red stele resistant. Perennial. Breeding Material. Tissue Culture.
- PI 551934 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4355. **pedigree:** Raritan x MDUS 3413. **remarks:** Collection transfer from Galletta's virus indexing program Early midseason, Lester sib, good for crossing with EB's. Perennial. Breeding Material. Tissue Culture.
- PI 551935 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4380. **pedigree:** Sunrise x MDUS 3082. **remarks:** Collection transfer from Galletta's virus indexing program Early midseason, symmetrical and sweet. Perennial. Breeding Material. Tissue Culture.
- PI 551936 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4587. **pedigree:** MDUS 3694 x MDUS 3364. **remarks:** Collection transfer from Galletta's virus indexing program Midseason, high quality. Perennial. Breeding Material. Tissue Culture.
- PI 551937 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4588. **pedigree:** MDUS 3694 x MDUS 3364. **remarks:** Collection transfer from Galletta's virus indexing program Midseason, high quality, vigorous and disease resistant. Perennial. Breeding Material. Tissue Culture.
- PI 551938 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4609. **pedigree:** MDUS 4457 x MDUS 4116. **remarks:** Collection transfer from Galletta's virus indexing program BC2 from chiloensis. Perennial. Breeding Material. Tissue Culture.

PI 551912 to 551957-continued

- PI 551939 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4645. **pedigree:** Darrow x Belrubi. **remarks:** Collection transfer from Galletta's virus indexing program Flavorful. Perennial. Breeding Material. Tissue Culture.
- PI 551940 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4774. **pedigree:** MDUS 4683 x Holiday. **remarks:** Collection transfer from Galletta's virus indexing program Early, large, firm and flavorful. Perennial. Breeding Material. Tissue Culture.
- PI 551941 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4987. **pedigree:** MDUS 3816 x EB 46. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Tissue Culture.
- PI 551942 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 4987. **pedigree:** MDUS 3816 x EB 46. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Tissue Culture.
- PI 551943 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 5012. **pedigree:** MDUS 4683 x Allstar. **remarks:** Collection transfer from Galletta's virus indexing program Late, large, attractive and colorful. Perennial. Breeding Material. Tissue Culture.
- PI 551944 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 5097. **pedigree:** Darrow x Holliday. **remarks:** Collection transfer from Galletta's virus indexing program Verticillium resistant. Perennial. Breeding Material. Tissue Culture.
- PI 551945 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 5120. **pedigree:** MDUS 4649 x Rosanne. **remarks:** Collection transfer from Galletta's virus indexing program Very late. Perennial. Breeding Material. Tissue Culture.

PI 551912 to 551957-continued

- PI 551946 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 5130. **pedigree:** MDUS 4587 x Earliglow. **remarks:** Collection transfer from Galletta's virus indexing program Early midseason, very large and flavorful. Perennial. Breeding Material. Tissue Culture.
- PI 551947 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 5136. **pedigree:** MDUS 4355 x MDUS 4319. **remarks:** Collection transfer from Galletta's virus indexing program Midseason, balanced and very productive. Perennial. Breeding Material. Tissue Culture.
- PI 551948 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 5189. **pedigree:** MDUS 4355 x Tribute. **remarks:** Collection transfer from Galletta's virus indexing program Midseason, vigorous, attractive and symmetrical. Perennial. Breeding Material. Tissue Culture.
- PI 551949 **origin:** United States. **origin institute:** University of Maryland, USDA/ARS, Glenn Dale, Maryland. **cultivar:** MDUS 5406. **pedigree:** MDUS 5012 x MDUS 5054. **remarks:** Collection transfer from Galletta's virus indexing program Vigorous. Perennial. Breeding Material. Tissue Culture.
- PI 551950 **origin:** United States. **historical origin:** United States. **origin institute:** Iowa State University, Dept. Horticulture, Ames, Iowa 50011. **cultivar:** Mars. **pedigree:** IA 81-6733 x IA 22-6014. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.
- PI 551951 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 3892. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Plant.
- PI 551952 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Siletz. **pedigree:** USOR 2012 x USOR 1816. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.

PI 551912 to 551957-continued

- PI 551953 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, Agricultural Experiment Station, College Park, Maryland 20742. **cultivar:** Tribute. **pedigree:** EB18 x MDUS 4258. **other id:** EB60. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.
- PI 551954 **origin:** United States. **origin institute:** University of Maryland and, USDA/ARS, Agricultural Experiment Station, College Park, Maryland 20742. **cultivar:** Tristar. **pedigree:** EB18 x MDUS 4258. **other id:** EB62. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.
- PI 551955 **origin:** United States. **historical origin:** United States. **origin institute:** University of Minnesota, Experiment Station, Excelsior, Minnesota. **cultivar:** Trumpeter. **pedigree:** Burgundy x (Howard 17 x self). **other id:** Minn. SY 445. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.
- PI 551956 **origin:** United States. **origin institute:** USDA/ARS, BARC-West, Beltsville, Maryland. **cultivar:** US 4375. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Plant.
- PI 551957 **origin:** United States. **origin institute:** USDA/ARS, BARC-West, Beltsville, Maryland. **cultivar:** US 4387. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Plant.

PI 551958 to 551959. *Fragaria chiloensis* (L.) Duchesne ROSACEAE
Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab, Beltsville, Maryland, United States. Received January 11, 1990.

- PI 551958 **origin:** Chile. **historical origin:** United States. **origin institute:** USDA/ARS, Hort Crops Research Division, Beltsville, Maryland. **cultivar:** Darrow 72. **pedigree:** Selected from cultivated type in Chile. **collected:** January 07, 1957. **locality:** Near Lake Molleco, Tolhuaca Nat'l Park. **latitude:** 35 deg. S. **longitude:** 72 deg. W. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Tissue Culture.

PI 551958 to 551959-continued

PI 551959 **origin:** Chile. **historical origin:** United States. **origin institute:** USDA/ARS, Hort Crops Research Division, Beltsville, Maryland. **cultivar:** Darrow 6. **pedigree:** Selected from the wild in Chile. **collected:** December 07, 1956. **locality:** Rocoto. **latitude:** 35 deg. S. **longitude:** 72 deg. W. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Tissue Culture.

PI 551960. *Fragaria ovalis* (Lehm.) Rydb. ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab, Beltsville, Maryland, United States. Received January 11, 1990.

origin: United States. **historical origin:** United States. **cultivar:** Clark. **pedigree:** Possibly a selection from wild seedlot (?). **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Cultivar. Tissue Culture.

PI 551961. *Fragaria hybrid* ROSACEAE Strawberry

Donated by: Galletta, Gene, USDA/ARS, BARC-West, Fruit Lab, Beltsville, Maryland, United States. Received January 11, 1990.

origin: United States. **pedigree:** *F. vesca* x Pak. **remarks:** Collection transfer from Galletta's virus indexing program. Perennial. Breeding Material. Plant.

PI 551962 to 552232. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Cameron, Scott, Washington State University, SW Washington Experiment Station, Vancouver, Washington, United States. Received January 26, 1990.

PI 551962 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 01A. **pedigree:** Selection from the wild from Chile. **other id:** ANC 01A. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 551963 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02A. **pedigree:** Selection from the wild from Chile. **other id:** ANC 02A. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 551964 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02B. **pedigree:** Selection from the wild from Chile. **other id:** ANC 02B. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 551965 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02C. **pedigree:** Selection from the wild from Chile. **other id:** ANC 02C. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 551966 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02D. **pedigree:** Selection from the wild from Chile. **other id:** ANC 02D. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 551967 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01A. **pedigree:** Selection from the wild from Chile. **other id:** BAM 01A. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551968 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01E. **pedigree:** Selection from the wild from Chile. **other id:** BAM 01E. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 551969 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01F. **pedigree:** Selection from the wild from Chile. **other id:** BAM 01F. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551970 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01G. **pedigree:** Selection from the wild from Chile. **other id:** BAM 01G. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551971 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 02A. **pedigree:** Selection from the wild from Chile. **other id:** BAM 02A. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551972 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 02B. **pedigree:** Selection from the wild from Chile. **other id:** BAM 02B. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551973 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 02D. **pedigree:** Selection from the wild from Chile. **other id:** BAM 02D. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Cutting.
- PI 551974 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03A. **pedigree:** Selection from the wild from Chile. **other id:** BAM 03A. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 551975 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03B. **pedigree:** Selection from the wild from Chile. **other id:** BAM 03B. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551976 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03C. **pedigree:** Selection from the wild from Chile. **other id:** BAM 03C. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551977 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** CHE 01A. **pedigree:** Selection from the wild from Chile. **other id:** CHE 01A. Perennial. Breeding Material. Cutting.
- PI 551978 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** CHE 01B. **pedigree:** Selection from the wild from Chile. **other id:** CHE 01B. Perennial. Breeding Material. Cutting.
- PI 551979 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** CHE 01C. **pedigree:** Selection from the wild from Chile. **other id:** CHE 01C. Perennial. Breeding Material. Cutting.
- PI 551980 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 01A. **pedigree:** Selection from the wild from Chile. **other id:** COY 01A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551981 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 01A. **pedigree:** Selection from the wild from Chile. **other id:** COY 01A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.

- PI 551982 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 01A. **pedigree:** Selection from the wild from Chile. **other id:** COY 01A. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551983 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 03A. **pedigree:** Selection from the wild from Chile. **other id:** COY 03A. **locality:** Coyhaïque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 551984 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 03B. **pedigree:** Selection from the wild from Chile. **other id:** COY 03B. **locality:** Coyhaïque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551985 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 03B. **pedigree:** Selection from the wild from Chile. **other id:** COY 03B. **locality:** Coyhaïque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551986 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 03C. **pedigree:** Selection from the wild from Chile. **other id:** COY 03C. **locality:** Coyhaïque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551987 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 03C. **pedigree:** Selection from the wild from Chile. **other id:** COY 03C. **locality:** Coyhaïque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 551988 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 04A. **pedigree:** Selection from the wild from Chile. **other id:** COY 04A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551989 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 04C. **pedigree:** Selection from the wild from Chile. **other id:** COY 04C. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551990 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 05A. **pedigree:** Selection from the wild from Chile. **other id:** COY 05A. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551991 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 05B. **pedigree:** Selection from the wild from Chile. **other id:** COY 05B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551992 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 05B. **pedigree:** Selection from the wild from Chile. **other id:** COY 05B. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 551993 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06A. **pedigree:** Selection from the wild from Chile. **other id:** COY 06A. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 551994 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06A. **pedigree:** Selection from the wild from Chile. **other id:** COY 06A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551995 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06E. **pedigree:** Selection from the wild from Chile. **other id:** COY 06E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 551996 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06F. **pedigree:** Selection from the wild from Chile. **other id:** COY 06F. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 551997 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07A. **pedigree:** Selection from the wild from Chile. **other id:** COY 07A. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 551998 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07B. **pedigree:** Selection from the wild from Chile. **other id:** COY 07B. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 551999 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07B. **pedigree:** Selection from the wild from Chile. **other id:** COY 07B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552000 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07C. **pedigree:** Selection from the wild from Chile. **other id:** COY 07C. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552001 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07E. **pedigree:** Selection from the wild from Chile. **other id:** COY 07E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552002 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07G. **pedigree:** Selection from the wild from Chile. **other id:** COY 07G. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552003 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07H. **pedigree:** Selection from the wild from Chile. **other id:** COY 07H. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552004 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07I. **pedigree:** Selection from the wild from Chile. **other id:** COY 07I. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552005 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 08A. **pedigree:** Selection from the wild from Chile. **other id:** COY 08A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.

- PI 552006 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 09A. **pedigree:** Selection from the wild from Chile. **other id:** COY 09A. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552007 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 09E. **pedigree:** Selection from the wild from Chile. **other id:** COY 09E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552008 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 10A. **pedigree:** Selection from the wild from Chile. **other id:** COY 10A. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552009 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 10B. **pedigree:** Selection from the wild from Chile. **other id:** COY 10B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552010 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 10C. **pedigree:** Selection from the wild from Chile. **other id:** COY 10C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552011 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11A. **pedigree:** Selection from the wild from Chile. **other id:** COY 11A. **locality:** Coyhalque. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552012 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11A. **pedigree:** Selection from the wild from Chile. **other id:** COY 11A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552013 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11B. **pedigree:** Selection from the wild from Chile. **other id:** COY 11B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552014 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11B. **pedigree:** Selection from the wild from Chile. **other id:** COY 11B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552015 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11C. **pedigree:** Selection from the wild from Chile. **other id:** COY 11C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552016 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11D. **pedigree:** Selection from the wild from Chile. **other id:** COY 11D. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552017 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11E. **pedigree:** Selection from the wild from Chile. **other id:** COY 11E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552018 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11E. **pedigree:** Selection from the wild from Chile. **other id:** COY 11E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552019 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 12A. **pedigree:** Selection from the wild from Chile. **other id:** COY 12A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552020 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 12B. **pedigree:** Selection from the wild from Chile. **other id:** COY 12B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552021 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13A. **pedigree:** Selection from the wild from Chile. **other id:** COY 13A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552022 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13C. **pedigree:** Selection from the wild from Chile. **other id:** COY 13C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552023 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13D. **pedigree:** Selection from the wild from Chile. **other id:** COY 13D. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.

- PI 552024 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13E. **pedigree:** Selection from the wild from Chile. **other id:** COY 13E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552025 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13F. **pedigree:** Selection from the wild from Chile. **other id:** COY 13F. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552026 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13I. **pedigree:** Selection from the wild from Chile. **other id:** COY 13I. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552027 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13J. **pedigree:** Selection from the wild from Chile. **other id:** COY 13J. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552028 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 14B. **pedigree:** Selection from the wild from Chile. **other id:** COY 14B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552029 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 14D. **pedigree:** Selection from the wild from Chile. **other id:** COY 14D. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.

- PI 552030 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21A. **pedigree:** Selection from the wild from Chile. **other id:** COY 21A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552031 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21C. **pedigree:** Selection from the wild from Chile. **other id:** COY 21C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552032 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21D. **pedigree:** Selection from the wild from Chile. **other id:** COY 21D. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552033 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21E. **pedigree:** Selection from the wild from Chile. **other id:** COY 21E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552034 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21H. **pedigree:** Selection from the wild from Chile. **other id:** COY 21H. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552035 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21I. **pedigree:** Selection from the wild from Chile. **other id:** COY 21I. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.

- PI 552036 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 01A. **pedigree:** Selection from the wild from Chile. **other id:** VIL 01A. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552037 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ILE 01A. **pedigree:** Selection from the wild from Chile. **other id:** ILE 01A White Fruited. **locality:** Island of Lemuy (Chiloe). **latitude:** 42 deg. 30 min. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552038 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ILE 02A. **pedigree:** Selection from the wild from Chile. **other id:** ILE 02A White Fruited. **locality:** Island of Lemuy (Chiloe). **latitude:** 42 deg. 30 min. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552039 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ILE 03A. **pedigree:** Selection from the wild from Chile. **other id:** ILE 03A. **locality:** Island of Lemuy (Chiloe). **latitude:** 42 deg. 30 min. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552040 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 01B. **pedigree:** Selection from the wild from Chile. **other id:** LCO 01B. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552041 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 01C. **pedigree:** Selection from the wild from Chile. **other id:** LCO 01C. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.

- PI 552042 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 01E. **pedigree:** Selection from the wild from Chile. **other id:** LCO 01E. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552043 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 02A. **pedigree:** Selection from the wild from Chile. **other id:** LCO 02A. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552044 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03F. **pedigree:** Selection from the wild from Chile. **other id:** LCO 03F. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552045 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03G. **pedigree:** Selection from the wild from Chile. **other id:** LCO 03G. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552046 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03H. **pedigree:** Selection from the wild from Chile. **other id:** LCO 03H. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552047 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03I. **pedigree:** Selection from the wild from Chile. **other id:** LCO 03I. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552048 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03J. **pedigree:** Selection from the wild from Chile. **other id:** LCO 03J. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552049 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 04A. **pedigree:** Selection from the wild from Chile. **other id:** LCO 04A. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552050 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 04D. **pedigree:** Selection from the wild from Chile. **other id:** LCO 04D. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552051 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 04E. **pedigree:** Selection from the wild from Chile. **other id:** LCO 04E. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552052 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 05A. **pedigree:** Selection from the wild from Chile. **other id:** LCO 05A. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552053 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 05B. **pedigree:** Selection from the wild from Chile. **other id:** LCO 05B. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.

- PI 552054 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 01A. **pedigree:** Selection from the wild from Chile. **other id:** LON 01A. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552055 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 01B. **pedigree:** Selection from the wild from Chile. **other id:** LON 01B. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552056 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 01C. **pedigree:** Selection from the wild from Chile. **other id:** LON 01C. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552057 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 01D. **pedigree:** Selection from the wild from Chile. **other id:** LON 01D. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552058 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 01E. **pedigree:** Selection from the wild from Chile. **other id:** LON 01E. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552059 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 01F. **pedigree:** Selection from the wild from Chile. **other id:** LON 01F. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552060 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 01G. **pedigree:** Selection from the wild from Chile. **other id:** LON 01G. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552061 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02B. **pedigree:** Selection from the wild from Chile. **other id:** LON 02B. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552062 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02C. **pedigree:** Selection from the wild from Chile. **other id:** LON 02C. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552063 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02D. **pedigree:** Selection from the wild from Chile. **other id:** LON 02D. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552064 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02E. **pedigree:** Selection from the wild from Chile. **other id:** LON 02E. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552065 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02H. **pedigree:** Selection from the wild from Chile. **other id:** LON 02H. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552066 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 03A. **pedigree:** Selection from the wild from Chile. **other id:** LON 03A. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552067 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 03B. **pedigree:** Selection from the wild from Chile. **other id:** LON 03B. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552068 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 03C. **pedigree:** Selection from the wild from Chile. **other id:** LON 03C. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552069 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 03D. **pedigree:** Selection from the wild from Chile. **other id:** LON 03D. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552070 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04A. **pedigree:** Selection from the wild from Chile. **other id:** LON 04A. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552071 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04B. **pedigree:** Selection from the wild from Chile. **other id:** LON 04B. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552072 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04D. **pedigree:** Selection from the wild from Chile. **other id:** LON 04D. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552073 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04E. **pedigree:** Selection from the wild from Chile. **other id:** LON 04E. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552074 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04F. **pedigree:** Selection from the wild from Chile. **other id:** LON 04F. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552075 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04G. **pedigree:** Selection from the wild from Chile. **other id:** LON 04G. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. Perennial. Breeding Material. Cutting.
- PI 552076 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** MAU 01A. **pedigree:** Selection from the wild from Chile. **other id:** MAU 01A. **locality:** Maullin. **latitude:** 41 deg. 38 min. S. **longitude:** 73 deg. 37 min. W. Perennial. Breeding Material. Cutting.
- PI 552077 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** MAU 01B. **pedigree:** Selection from the wild from Chile. **other id:** MAU 01B. **locality:** Maullin. **latitude:** 41 deg. 38 min. S. **longitude:** 73 deg. 37 min. W. Perennial. Breeding Material. Cutting.

- PI 552078 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** MAU 01C. **pedigree:** Selection from the wild from Chile. **other id:** MAU 01C. **locality:** Maullin. **latitude:** 41 deg. 38 min. S. **longitude:** 73 deg. 37 min. W. **Perennial.** Breeding Material. Cutting.
- PI 552079 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PAN 01A. **pedigree:** Selection from the wild from Chile. **other id:** PAN 01A. **locality:** Panguipulli. **latitude:** 39 deg. 38 min. S. **longitude:** 72 deg. 20 min. W. **remarks:** Female. **Perennial.** Breeding Material. Cutting.
- PI 552080 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PDG 02B. **pedigree:** Selection from the wild from Chile. **other id:** PDG 02B White Chillan. **locality:** Pata de Gallina. **latitude:** 38 deg. S. **longitude:** 73 deg. W. **Perennial.** Breeding Material. Cutting.
- PI 552081 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PNN 01A. **pedigree:** Selection from the wild from Chile. **other id:** PNN 01A. **locality:** Nahuelbuto National Park. **latitude:** 38 deg. S. **longitude:** 73 deg. W. **remarks:** Female. **Perennial.** Breeding Material. Cutting.
- PI 552082 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PNN 01B. **pedigree:** Selection from the wild from Chile. **other id:** PNN 01B. **locality:** Nahuelbuto National Park. **latitude:** 38 deg. S. **longitude:** 73 deg. W. **Perennial.** Breeding Material. Cutting.
- PI 552083 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PNN 03A. **pedigree:** Selection from the wild from Chile. **other id:** PNN 03A. **locality:** Nahuelbuto National Park. **latitude:** 38 deg. S. **longitude:** 73 deg. W. **remarks:** Male. **Perennial.** Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552084 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PNN 04A. **pedigree:** Selection from the wild from Chile. **other id:** PNN 04A. **locality:** Nahuelbuto National Park. **latitude:** 38 deg. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552085 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PNN 07B. **pedigree:** Selection from the wild from Chile. **other id:** PNN 07B. **locality:** Nahuelbuto National Park. **latitude:** 38 deg. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552086 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PUR 01A. **pedigree:** Selection from the wild from Chile. **other id:** PUR 01A. **locality:** Purranque. **latitude:** 40 deg. 55 min. S. **longitude:** 73 deg. 20 min. W. Perennial. Breeding Material. Cutting.
- PI 552087 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PUR 01C. **pedigree:** Selection from the wild from Chile. **other id:** PUR 01C. **locality:** Purranque. **latitude:** 40 deg. 55 min. S. **longitude:** 73 deg. 20 min. W. Perennial. Breeding Material. Cutting.
- PI 552088 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PUR 02A. **pedigree:** Selection from the wild from Chile. **other id:** PUR 02A. **locality:** Purranque. **latitude:** 40 deg. 55 min. S. **longitude:** 73 deg. 20 min. W. Perennial. Breeding Material. Cutting.
- PI 552089 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 01C. **pedigree:** Selection from the wild from Chile. **other id:** TDC 01C. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. Perennial. Breeding Material. Cutting.

- PI 552090 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 01H. **pedigree:** Selection from the wild from Chile. **other id:** TDC 01H. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552091 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 01J. **pedigree:** Selection from the wild from Chile. **other id:** TDC 01J. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552092 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 02B. **pedigree:** Selection from the wild from Chile. **other id:** TDC 02B. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552093 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 02C. **pedigree:** Selection from the wild from Chile. **other id:** TDC 02C. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552094 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 02D. **pedigree:** Selection from the wild from Chile. **other id:** TDC 02D. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552095 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 02E. **pedigree:** Selection from the wild from Chile. **other id:** TDC 02E. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. **Perennial.** **Breeding Material.** **Cutting.**

PI 551962 to 552232-continued

- PI 552096 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 03A. **pedigree:** Selection from the wild from Chile. **other id:** TDC 03A. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552097 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 03B. **pedigree:** Selection from the wild from Chile. **other id:** TDC 03B. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **remarks:** Male. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552098 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 04B. **pedigree:** Selection from the wild from Chile. **other id:** TDC 04B. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **remarks:** Female. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552099 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 05A. **pedigree:** Selection from the wild from Chile. **other id:** TDC 05A. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552100 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 01A. **pedigree:** Selection from the wild from Chile. **other id:** TDT 01A. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Male. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552101 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 01C. **pedigree:** Selection from the wild from Chile. **other id:** TDT 01C. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **Perennial.** **Breeding Material.** **Cutting.**

PI 551962 to 552232-continued

- PI 552102 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 01D. **pedigree:** Selection from the wild from Chile. **other id:** TDT 01D. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552103 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 02A. **pedigree:** Selection from the wild from Chile. **other id:** TDT 02A. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552104 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 03A. **pedigree:** Selection from the wild from Chile. **other id:** TDT 03A. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552105 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 03B. **pedigree:** Selection from the wild from Chile. **other id:** TDT 03B. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552106 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 05B. **pedigree:** Selection from the wild from Chile. **other id:** TDT 05B. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.
- PI 552107 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 05C. **pedigree:** Selection from the wild from Chile. **other id:** TDT 05C. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552108 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 05G. **pedigree:** Selection from the wild from Chile. **other id:** TDT 05G. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552109 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 05H. **pedigree:** Selection from the wild from Chile. **other id:** TDT 05H. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Male. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552110 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 02A. **pedigree:** Selection from the wild from Chile. **other id:** VIL 02A. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552111 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 02B. **pedigree:** Selection from the wild from Chile. **other id:** VIL 02B. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552112 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 02C. **pedigree:** Selection from the wild from Chile. **other id:** VIL 02C. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **remarks:** Female. **Perennial.** **Breeding Material.** **Cutting.**
- PI 552113 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 04A. **pedigree:** Selection from the wild from Chile. **other id:** VIL 04A. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **Perennial.** **Breeding Material.** **Cutting.**

PI 551962 to 552232-continued

- PI 552114 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01A. **pedigree:** Selection from the wild from Chile. **other id:** YEN 01A. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552115 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01B. **pedigree:** Selection from the wild from Chile. **other id:** YEN 01B. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Cutting.
- PI 552116 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01C. **pedigree:** Selection from the wild from Chile. **other id:** YEN 01C. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Male. Perennial. Breeding Material. Cutting.
- PI 552117 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01H. **pedigree:** Selection from the wild from Chile. **other id:** YEN 01H. **latitude:** 37 deg. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552118 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01L. **pedigree:** Selection from the wild from Chile. **other id:** YEN 01L. **latitude:** 37 deg. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.
- PI 552119 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01Q. **pedigree:** Selection from the wild from Chile. **other id:** YEN 01Q. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Cutting.

PI 551962 to 552232-continued

- PI 552120 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** ANC 01A. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552121 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02A. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** ANC 02A. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552122 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02B. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** ANC 02B. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552123 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02C. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** ANC 02C. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552124 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02D. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** ANC 02D. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Seed.

- PI 552125 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** ANC 02E. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** ANC 02E. **locality:** Ancud (Chiloe). **latitude:** 42 deg. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552126 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 01A. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Seed.
- PI 552127 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01C. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 01C. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552128 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01D. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 01D. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Male. Perennial. Breeding Material. Seed.
- PI 552129 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01F. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 01F. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552130 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 01G. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 01G. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552131 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 02A. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 02A. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552132 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 02B. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 02B. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552133 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 02C. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 02C. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552134 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 02F. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 02F. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552135 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03B. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 03B. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552136 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03C. **pedigree:** Selection from the wild from Chile. **collected:** January 09, 1990. **other id:** BAM 03C. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552137 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03D. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** BAM 03D. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Seed.
- PI 552138 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03E. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** BAM 03E. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Seed.
- PI 552139 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 03F. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** BAM 03F. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552140 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 04A. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** BAM 04A. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Seed.
- PI 552141 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 04B. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** BAM 04B. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Seed.
- PI 552142 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** BAM 04C. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** BAM 04C. **locality:** Bahia Mansa. **latitude:** 40 deg. 30 min. S. **longitude:** 74 deg. W. Perennial. Breeding Material. Seed.
- PI 552143 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** CON 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 03, 1990. **other id:** CON 01A White Chilean Concepci. **locality:** Concepcion. **latitude:** 36 deg. 50 min. S. **longitude:** 72 deg. W. Perennial. Breeding Material. Seed.
- PI 552144 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** CON 01B. **pedigree:** Selection from the wild from Chile. **collected:** January 03, 1990. **other id:** CON 01B White Chilean Concepci. **locality:** Concepcion. **latitude:** 36 deg. 50 min. S. **longitude:** 72 deg. W. Perennial. Breeding Material. Seed.

- PI 552145 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** COY 01A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552146 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 01B. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** COY 01B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552147 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 02A. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** COY 02A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552148 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 03A. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** COY 03A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552149 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 03C. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** COY 03C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.

- PI 552150 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 04A. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** COY 04A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552151 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 04C. **pedigree:** Selection from the wild from Chile. **collected:** January 13, 1990. **other id:** COY 04C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552152 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 05B. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 05B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552153 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06A. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 06A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552154 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06C. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 06C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552155 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06D. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 06D. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552156 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06E. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 06E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552157 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 06G. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 06G. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552158 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07B. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 07B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552159 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07C. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 07C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552160 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07D. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 07D. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552161 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 07E. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 07E. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552162 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 08B. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 08B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552163 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 10A. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 10A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552164 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 11B. **pedigree:** Selection from the wild from Chile. **collected:** January 14, 1990. **other id:** COY 11B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.

- PI 552165 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13A. **pedigree:** Selection from the wild from Chile. **collected:** January 15, 1990. **other id:** COY 13A. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552166 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13B. **pedigree:** Selection from the wild from Chile. **collected:** January 15, 1990. **other id:** COY 13B. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552167 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13C. **pedigree:** Selection from the wild from Chile. **collected:** January 15, 1990. **other id:** COY 13C. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552168 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13F. **pedigree:** Selection from the wild from Chile. **collected:** January 15, 1990. **other id:** COY 13F. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552169 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13G. **pedigree:** Selection from the wild from Chile. **collected:** January 15, 1990. **other id:** COY 13G. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552170 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 13H. **pedigree:** Selection from the wild from Chile. **collected:** January 15, 1990. **other id:** COY 13H. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552171 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21D. **pedigree:** Selection from the wild from Chile. **collected:** January 16, 1990. **other id:** COY 21D. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552172 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21F. **pedigree:** Selection from the wild from Chile. **collected:** January 16, 1990. **other id:** COY 21F. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552173 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** COY 21I. **pedigree:** Selection from the wild from Chile. **collected:** January 16, 1990. **other id:** COY 21I. **locality:** Coyhaique. **latitude:** 45 deg. 15 min. S. **longitude:** 73 deg. W. Perennial. Breeding Material. Seed.
- PI 552174 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** CUR 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** CUR 01A. **locality:** Curaco de Velez (Chiloe). **latitude:** 42 deg. 30 min. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552175 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** CUR 01B. **pedigree:** Selection from the wild from Chile. **collected:** January 11, 1990. **other id:** CUR 01B. **locality:** Curaco de Velez (Chiloe). **latitude:** 42 deg. 30 min. S. **longitude:** 73 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552176 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 01D. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 01D. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552177 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 01E. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 01E. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552178 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 01F. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 01F. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552179 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 02E. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 02E. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552180 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03A. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03A. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552181 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03C. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03C. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552182 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03D. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03D. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552183 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03F. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03F. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552184 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03G. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03G. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Seed.

- PI 552185 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03H. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03H. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552186 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03I. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03I. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552187 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 03J. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 03J. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552188 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 04B. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 04B. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552189 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 04C. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 04C. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552190 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LCO 05A. **pedigree:** Selection from the wild from Chile. **collected:** January 07, 1990. **other id:** LCO 05A. **locality:** Lake Congullio. **latitude:** 38 deg. 45 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552191 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02B. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 02B. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552192 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02F. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 02F. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552193 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 02H. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 02H. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552194 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04A. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 04A. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552195 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04B. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 04B. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552196 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04C. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 04C. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552197 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04D. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 04D. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552198 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** LON 04E. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** LON 04E. **locality:** Lonquimay. **latitude:** 38 deg. 26 min. S. **longitude:** 71 deg. 14 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552199 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** MAU 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 10, 1990. **other id:** MAU 01A. **locality:** Maullin. **latitude:** 41 deg. 38 min. S. **longitude:** 73 deg. 37 min. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552200 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** MAU 01C. **pedigree:** Selection from the wild from Chile. **collected:** January 10, 1990. **other id:** MAU 01C. **locality:** Maullin. **latitude:** 41 deg. 38 min. S. **longitude:** 73 deg. 37 min. W. **Perennial.** **Breeding Material.** **Seed.**
- PI 552201 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PAN 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 08, 1990. **other id:** PAN 01A. **locality:** Panguipulli. **latitude:** 39 deg. 38 min. S. **longitude:** 72 deg. 20 min. W. **remarks:** Female. **Perennial.** **Breeding Material.** **Seed.**
- PI 552202 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PDG 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 05, 1990. **other id:** PDG 01A White Chilean. **locality:** Pata de Gallina. **latitude:** 38 deg. S. **longitude:** 73 deg. W. **Perennial.** **Breeding Material.** **Seed.**
- PI 552203 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PDG 02B. **pedigree:** Selection from the wild from Chile. **collected:** January 05, 1990. **other id:** PDG 02B White Chilean. **locality:** Pata de Gallina. **latitude:** 38 deg. S. **longitude:** 73 deg. W. **Perennial.** **Breeding Material.** **Seed.**
- PI 552204 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PNN 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** PNN 01A. **locality:** Nahuelbuto National Park. **latitude:** 38 deg. S. **longitude:** 73 deg. W. **remarks:** Female. **Perennial.** **Breeding Material.** **Seed.**

- PI 552205 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PUR 01A. **pedigree:** Selection from the wild from Chile. **collected:** January 10, 1990. **other id:** PUR 01A. **locality:** Purranque. **latitude:** 40 deg. 55 min. S. **longitude:** 73 deg. 20 min. W. Perennial. Breeding Material. Seed.
- PI 552206 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PUR 02A. **pedigree:** Selection from the wild from Chile. **collected:** January 10, 1990. **other id:** PUR 02A. **locality:** Purranque. **latitude:** 40 deg. 55 min. S. **longitude:** 73 deg. 20 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552207 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PUR 02B. **pedigree:** Selection from the wild from Chile. **collected:** January 10, 1990. **other id:** PUR 02B. **locality:** Purranque. **latitude:** 40 deg. 55 min. S. **longitude:** 73 deg. 20 min. W. Perennial. Breeding Material. Seed.
- PI 552208 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** PUR 02C. **pedigree:** Selection from the wild from Chile. **collected:** January 10, 1990. **other id:** PUR 02C. **locality:** Purranque. **latitude:** 40 deg. 55 min. S. **longitude:** 73 deg. 20 min. W. Perennial. Breeding Material. Seed.
- PI 552209 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** SAN 01A. **pedigree:** Selection from the wild from Chile. **collected:** December 31, 1989. **other id:** SAN 01A. **locality:** Santiago. **latitude:** 33 deg. 24 min. S. **longitude:** 70 deg. 40 min. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552210 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 01. **pedigree:** Selection from the wild from Chile. **collected:** January 01, 1990. **other id:** TDC 01. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552211 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 02. **pedigree:** Selection from the wild from Chile. **collected:** January 01, 1990. **other id:** TDC 02. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552212 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 02A. **pedigree:** Selection from the wild from Chile. **collected:** January 01, 1990. **other id:** TDC 02A. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. Perennial. Breeding Material. Seed.
- PI 552213 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDC 05A. **pedigree:** Selection from the wild from Chile. **collected:** January 02, 1990. **other id:** TDC 05A. **locality:** Termas de Chillan. **latitude:** 36 deg. 40 min. S. **longitude:** 72 deg. 10 min. W. **elevation:** 1900m. Perennial. Breeding Material. Seed.
- PI 552214 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 01B. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** TDT 01B. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552215 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 01D. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** TDT 01D. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552216 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 02A. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** TDT 02A. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552217 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 05A. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** TDT 05A. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. Perennial. Breeding Material. Seed.
- PI 552218 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** TDT 05I. **pedigree:** Selection from the wild from Chile. **collected:** January 06, 1990. **other id:** TDT 05I. **locality:** Termas de Tolhuaca. **latitude:** 38 deg. 15 min. S. **longitude:** 71 deg. 50 min. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552219 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 01C. **pedigree:** Selection from the wild from Chile. **collected:** January 08, 1990. **other id:** VIL 01C. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

- PI 552220 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 02A. **pedigree:** Selection from the wild from Chile. **collected:** January 08, 1990. **other id:** VIL 02A. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **Perennial.** **Breeding Material.** **Seed.**
- PI 552221 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 02B. **pedigree:** Selection from the wild from Chile. **collected:** January 08, 1990. **other id:** VIL 02B. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **Perennial.** **Breeding Material.** **Seed.**
- PI 552222 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** VIL 02C. **pedigree:** Selection from the wild from Chile. **collected:** January 08, 1990. **other id:** VIL 02C. **locality:** Lake Villarrica. **latitude:** 39 deg. 20 min. S. **longitude:** 72 deg. W. **remarks:** Female. **Perennial.** **Breeding Material.** **Seed.**
- PI 552223 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01B. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01B. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. **Perennial.** **Breeding Material.** **Seed.**
- PI 552224 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01D. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01D. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. **Perennial.** **Breeding Material.** **Seed.**

- PI 552225 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01F. **pedigree:** Selection from the wild from Chile. **collected:** January 05, 1990. **other id:** YEN 01F. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552226 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01G. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01G. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Perennial. Breeding Material. Seed.
- PI 552227 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01I. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01I. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552228 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01J. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01J. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552229 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01K. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01K. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.
- PI 552230 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01M. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01M. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 551962 to 552232-continued

PI 552231 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01N. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01N. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 552232 **origin:** Chile. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Vancouver, Washington. **cultivar:** YEN 01P. **pedigree:** Selection from the wild from Chile. **collected:** January 04, 1990. **other id:** YEN 01P. **locality:** Yeneco. **latitude:** 37 deg. S. **longitude:** 73 deg. W. **remarks:** Female. Perennial. Breeding Material. Seed.

PI 552233. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Luby, James J., University of Minnesota, Department of Horticulture, St. Paul, Minnesota, United States. Received March 15, 1990.

origin: United States. **pedigree:** Collected from the wild in Minnesota. **local name:** Virginia Strawberry. **collected:** 1989. **locality:** Chippewa Nat'l Forest, Johnson Lake, in young aspen forest. **latitude:** 46 deg. 30 min. N. **longitude:** 94 deg. 30 min. W. **remarks:** Collection site: sandy soil, strong loam. Perennial. Wild. Seed.

PI 552234 to 552238. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received April 20, 1990.

PI 552234 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 740-7. Perennial. Breeding Material. Plant.

PI 552235 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 3727 ORUSM 264. Perennial. Breeding Material. Plant.

PI 552234 to 552238-continued

- PI 552236 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 3727 ORUSM 265. Perennial. Breeding Material. Plant.
- PI 552237 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 4474 ORUSM 152. Perennial. Breeding Material. Plant.
- PI 552238 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 4916 UCM 731. Perennial. Breeding Material. Plant.

PI 552239 to 552249. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Davis, T., University of New Hampshire, Department of Plant Sciences, Durham, New Hampshire, United States. Received May 11, 1990.

- PI 552239 **origin:** USSR. **historical origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** S7. **pedigree:** Seedling selection from OP seed. **remarks:** Runnering selection. Perennial. Breeding Material. Plant.
- PI 552240 **origin:** USSR. **historical origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** S48. **pedigree:** Seedling selection from OP seed. **remarks:** Runnering selection. Perennial. Breeding Material. Plant.
- PI 552241 **origin:** USSR. **historical origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** S61. **pedigree:** Seedling selection from OP seed. **remarks:** Profusely runnering. Perennial. Breeding Material. Plant.
- PI 552242 **origin:** USSR. **historical origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** S112. **pedigree:** Seedling selection from OP seed. **remarks:** Profusely runnering. Perennial. Breeding Material. Plant.

PI 552239 to 552249-continued

- PI 552243 **origin:** United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC1. **pedigree:** Selected from the wild in Massachusetts. **locality:** Berkshire County. **remarks:** Runnering, 2n=14. Perennial. Breeding Material. Plant.
- PI 552244 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC7. **pedigree:** Selected from the wild in New Hampshire. **locality:** Diamond Peak Trail, Dartmouth College Second Grant. **latitude:** 43 deg. 10 min. N. **longitude:** 70 deg. 55 min. W. **remarks:** Runnering, 2n=14. Perennial. Breeding Material. Plant.
- PI 552245 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC41. **pedigree:** Selected from the wild in New Hampshire. **locality:** Weeks State Park site no. 1. **remarks:** 2n=14. Perennial. Breeding Material. Plant.
- PI 552246 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC42. **pedigree:** Selected from the wild in New Hampshire. **locality:** Weeks State Park site no. 1. **remarks:** Medium-sized fruit, 2n=14. Perennial. Breeding Material. Plant.
- PI 552247 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC44. **pedigree:** Selected from the wild in New Hampshire. **locality:** Fish Pond Road south of Colebrook, NH off Route 3. **latitude:** 44 deg. 25 min. N. **longitude:** 71 deg. 30 min. W. **remarks:** Perfect flowers, runnering, 2n=14. Perennial. Breeding Material. Plant.
- PI 552248 **origin:** United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC52. **pedigree:** Selected from the wild in Massachusetts. **locality:** Berkshire County. **latitude:** 42 deg. 15 min. N. **longitude:** 73 deg. 15 min. W. **remarks:** Perfect flowers, runnering, 2n=14. Perennial. Breeding Material. Plant.
- PI 552249 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC54. **pedigree:** Selected from the wild in New Hampshire. **locality:** Weeks State Park Site 1. **remarks:** Perfect flowers, runnering, 2n=14. Perennial. Breeding Material. Plant.

PI 552250 to 552256. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Davis, T., University of New Hampshire, Department of Plant Sciences, Durham, New Hampshire, United States. Received May 11, 1990.

PI 552250 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC26. **pedigree:** Selected from the wild in New Hampshire. **locality:** Forest Park, UNH campus. **latitude:** 43 deg. 10 min. N. **longitude:** 70 deg. 55 min. W. **remarks:** Runnering, 2n=56, perfect flowers. Perennial. Breeding Material. Plant.

PI 552251 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC35. **pedigree:** Selected from the wild in New Hampshire. **locality:** Pawtuckaway, along side of dirt road between S and N peaks. **remarks:** Very large plant, pistillate, runnering, 2n=56. Perennial. Breeding Material. Plant.

PI 552252 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC45. **pedigree:** Selected from the wild in New Hampshire. **locality:** Pawtuckaway, NH site 4. **remarks:** Pistillate, runnering, 2n=56. Perennial. Breeding Material. Plant.

PI 552253 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC46. **pedigree:** Selected from the wild in New Hampshire. **locality:** Pawtuckaway, NH site 4. **remarks:** Perfect flowers, runnering, 2n=56. Perennial. Breeding Material. Plant.

PI 552254 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC48. **pedigree:** Selected from the wild in New Hampshire. **locality:** Weeks State Park Site 1. **remarks:** Perfect flowers, runnering. Perennial. Breeding Material. Plant.

PI 552255 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC51. **pedigree:** Selected from the wild in New Hampshire. **locality:** Weeks State Park Site 3. **remarks:** Pistillate, runnering, 2n=56. Perennial. Breeding Material. Plant.

PI 552250 to 552256-continued

PI 552256 **origin:** United States. **origin institute:** University of New Hampshire, Dept. Plant Science, Durham, New Hampshire 03824. **cultivar:** WC56. **pedigree:** Selected from the wild in New Hampshire. **locality:** Weeks State Park Site 3. **remarks:** Pistillate, runnering, 2n=56. Perennial. Breeding Material. Plant.

PI 552257 to 552266. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Jamieson, A.R., Agriculture Canada, Kentville Research Station, Kentville, Nova Scotia, Canada. Received May 31, 1990.

PI 552257 **origin:** Canada. **origin institute:** Agriculture Canada, Experiment Station, Kentville, Nova Scotia. **cultivar:** Annapolis. **pedigree:** (Micmac x Raritan) x Kent. **other id:** K78-4. **remarks:** Large, firm light red fruit with mild flavor, early season. Perennial. Cultivar. Plant.

PI 552258 **origin:** Canada. **origin institute:** Agriculture Canada, Experiment Station, Kentville, Nova Scotia. **cultivar:** Cornwallis. **pedigree:** Earliglow x Kent. **other id:** K78-6. **remarks:** Has the excellent flavor and texture of Earliglow, moderately productive and hardy. Perennial. Cultivar. Plant.

PI 552259 **origin:** Canada. **historical origin:** UNCERTAIN. **cultivar:** Favette. Perennial. Cultivar. Plant.

PI 552260 **origin:** Canada. **historical origin:** UNCERTAIN. **cultivar:** Addie. Perennial. Cultivar. Plant.

PI 552261 **origin:** Canada. **historical origin:** UNCERTAIN. **cultivar:** Demerland. Perennial. Cultivar. Plant.

PI 552262 **origin:** Canada. **historical origin:** UNCERTAIN. **cultivar:** Idil. Perennial. Cultivar. Plant.

PI 552263 **origin:** Canada. **historical origin:** UNCERTAIN. **cultivar:** Rannjaja plotnaja. Perennial. Cultivar. Plant.

PI 552264 **origin:** Canada. **historical origin:** Canada. **origin institute:** Horticultural Research Institute, Vineland Station, Vineland, Ontario. **cultivar:** Veegem. **pedigree:** Valentine x Fulton. **other id:** V6737-1. **remarks:** Productive early season cultivar not yet widely grown. Perennial. Cultivar. Plant.

PI 552257 to 552266-continued

PI 552265 **origin:** Canada. **historical origin:** Canada. **origin institute:** Horticultural Research Institute, Vineland Station, Vineland, Ontario. **cultivar:** Veeglow. **pedigree:** Redglow x Vibrant. **other id:** V6782-3. **remarks:** Flavorful midseason cultivar, moderate fruit size and productivity. Perennial. Cultivar. Plant.

PI 552266 **origin:** Canada. **historical origin:** UNCERTAIN. **cultivar:** Solprins. Perennial. Cultivar. Plant.

PI 552267 to 552269. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received June 26, 1990.

PI 552267 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Hort. Sci., Corvallis, Oregon 97331. **cultivar:** ORUS 1384-3. Perennial. Breeding Material. Plant.

PI 552268 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Hort. Sci., Corvallis, Oregon 97331. **cultivar:** ORUS 1391-1. Perennial. Breeding Material. Plant.

PI 552269 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Hort. Sci., Corvallis, Oregon 97331. **cultivar:** ORUS 1407-76. Perennial. Breeding Material. Plant.

PI 552270. *Fragaria* x *ananassa* Duchesne ROSACEAE Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received June 26, 1990.

origin: United States. **cultivar:** Toots. **remarks:** This is an older cultivar. Perennial. Cultivar. Plant.

PI 552271 to 552272. *Fragaria* sp. ROSACEAE Strawberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received July 18, 1990.

PI 552271 to 552272-continued

PI 552271 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 4459. Perennial. Breeding Material. Plant.

PI 552272 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** 1359-1. Perennial. Breeding Material. Plant.

PI 552273 to 552274. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Thompson, M.M., Oregon State University, Horticulture Department, Corvallis, Oregon, United States. Received July 26, 1990.

PI 552273 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** July 14, 1990. **locality:** Along tributary stream to Issyk River, S of Alma Ata. **elevation:** 1250m. Perennial. Wild. Seed.

PI 552274 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** July 16, 1990. **locality:** Nature preserve in Zailinsky Ala Tau, near a stream. Perennial. Wild. Seed.

PI 552275 to 552280. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Hummer, K.E., USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1990.

PI 552275 **origin:** United States. **pedigree:** Collected from the wild in Maine. **collected:** September 1990. **locality:** Ellsworth Falls Rest Area, approx. 2mi NW of Ellsworth. **latitude:** 44 deg. 31 min. N. **longitude:** 68 deg. 21 min. W. **elevation:** 200m. **remarks:** Sandy soil, organic top layer, shady roadside pull-off with picnic area. Assoc. Rubus, Potentilla, under E. White Pine. Perennial. Wild. Plant.

PI 552276 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **collected:** September 1990. **locality:** Dixville Notch, open edge of woods along Route 26. **latitude:** 44 deg. 25 min. N. **longitude:** 71 deg. 17 min. W. **remarks:** Growing on rock ledges on both sides of road thru notch Assoc. V. oxycoccus, sphagnum, Rubus. Perennial. Wild. Plant.

PI 552275 to 552280-continued

- PI 552277 **origin:** United States. **pedigree:** Collected from the wild in Vermont. **collected:** September 1990. **locality:** 1mi S of Hinesburg Road, 3mi E of Charlotte, open woods. **latitude:** 44 deg. 16 min. N. **longitude:** 73 deg. 10 min. W. **elevation:** 125m. **remarks:** Weed invading garden. Perennial. Wild. Plant.
- PI 552278 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **collected:** September 1990. **locality:** 2.5mi W of Newmarket, in assoc. w/cranberry-sphagnum bog. **latitude:** 43 deg. 15 min. N. **longitude:** 71 deg. W. **elevation:** 100m. **remarks:** In association with sphagnum bog. Perennial. Wild. Plant.
- PI 552279 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **collected:** September 1990. **locality:** East Barrington, in association with cranberry-sphagnum bog. **latitude:** 43 deg. 25 min. N. **longitude:** 71 deg. 05 min. W. **elevation:** 150m. Perennial. Wild. Plant.
- PI 552280 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **collected:** September 1990. **locality:** 2mi E of Dixville Notch, on rock walls both sides of Rte. 26. **latitude:** 44 deg. 25 min. N. **longitude:** 71 deg. 17 min. W. **remarks:** Edge of road, forested area, growing on rock ledges. Perennial. Wild. Plant.

PI 552281 to 552290. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Hummer, K.E., USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1990.

- PI 552281 **origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Baron Solemacher lt. green mutant. **pedigree:** Mutation produced by gamma irradiation of seed. **collected:** September 1990. **remarks:** Mutation appears to be recessive, single gene type, M2 heterozygote. Perennial. Breeding Material. Plant.
- PI 552282 **origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Baron Solemacher yellow mutant. **pedigree:** Mutation produced by gamma irradiation of seed. **collected:** September 1990. **remarks:** Mutation appears to be recessive, single gene type, M2 heterozygote. Perennial. Breeding Material. Plant.

PI 552281 to 552290-continued

- PI 552283 **origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Baron Solemacher white mutant. **pedigree:** Mutation produced by gamma irradiation of seed. **collected:** September 1990. **remarks:** Mutation appears to be recessive, single gene type, M2 heterozygote. Perennial. Breeding Material. Plant.
- PI 552284 **origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Baron Solemacher polyfoliate. **pedigree:** Mutation produced by gamma irradiation of seed. **collected:** September 1990. **remarks:** Leaves have variable number of leaflets and some dissected M3 heterozygote. Perennial. Breeding Material. Plant.
- PI 552285 **origin:** USSR. **pedigree:** Unknown, from botanical collection. **collected:** September 1990. **remarks:** Very small leaves, dwarfed habit but vigorous 2n=14 M3 heterozygote. Perennial. Cultivated. Plant.
- PI 552286 **origin:** United States. **pedigree:** Collected from the wild in New York. **collected:** September 1990. **locality:** Schenectady Co., 2.3mi W of Princetown, NY town line. **latitude:** 42 deg. 50 min. N. **longitude:** 72 deg. 10 min. W. **remarks:** Very small leaves, dwarfed habit but vigorous 2n=14 Edge of woods in 1st park lot Route 20E, E of I-88. Perennial. Wild. Plant.
- PI 552287 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **collected:** September 1990. **locality:** Durham, Oyster River Park, NW corner, along river bank slope. **latitude:** 43 deg. 07 min. N. **longitude:** 70 deg. 55 min. W. Perennial. Wild. Plant.
- PI 552288 **origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Baron Solemacher yellow-green mosaic mut. **pedigree:** Gamma irradiation induced leaf variegation mutation. **collected:** September 1990. **remarks:** Leaf mutation thought to be carried thru the seed. Perennial. Breeding Material. Seed.
- PI 552289 **origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Baron Solemacher autotetraploid. **pedigree:** Colchicine-induced autotetraploid. **collected:** September 1990. Perennial. Breeding Material. Seed.

PI 552281 to 552290-continued

PI 552290 **origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Baron Solemacher light-green mutant. **pedigree:** Gamma irradiation induced mutant. **collected:** September 1990. Perennial. Breeding Material. Seed.

PI 552291. *Fragaria virginiana* Duchesne ROSACEAE Strawberry

Donated by: Hummer, K.E., USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 29, 1990.

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 15, 1990. **locality:** North Fork of the Willamette River. **latitude:** 44 deg. 50 min. N. **longitude:** 122 deg. 20 min. W. Perennial. Wild. Plant.

PI 552292. *Fragaria x ananassa* Duchesne ROSACEAE Strawberry

Donated by: Truedsson, Ake, United States. Received October 28, 1990.

origin: Sweden. **pedigree:** Unknown, from garden. **remarks:** Variegated leaves, white fruited. Perennial. Cultivated. Plant.

PI 552293. *Fragaria vesca* L. ROSACEAE Strawberry

Donated by: Truedsson, Ake, United States. Received October 28, 1990.

origin: Sweden. **origin institute:** Private Breeder, Hans-Pers vag 2, Klagshamn 230 43. **pedigree:** Cultivar Alpine x wild Swedish *F. vesca*. **remarks:** Higher yield, larger leaves and fruit than typical *vesca*. Perennial. Breeding Material. Plant.

PI 552294. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Bamberg, John, USDA/ARS, Inter-Regional Potato Intro. Sta., Peninsula Research Station, Sturgeon Bay, Wisconsin, United States. Received January 28, 1991.

PI 552294-continued

origin: Chile. **pedigree:** Collected from the wild in Chile. **collected:** March 09, 1990. **locality:** Prov. Aisen, on SE shore of Isla Ipun, among short grasses. **latitude:** 44 deg. 39 min. S. **longitude:** 74 deg. 43 min. W. **elevation:** lm. **remarks:** Hundreds of plants present at site, flowers and fruits extremely scarce. Perennial. Wild. Seed.

PI 552295. *Fragaria chiloensis* (L.) Duchesne ROSACEAE Strawberry

Donated by: Bringhurst, R.S., University of California, Department of Pomology, Davis, California, United States. Received April 02, 1991.

origin: Argentina. **pedigree:** Collected from the wild in Argentina. **locality:** San Martin, near Bariloche. **latitude:** 33 deg. 5 min. S. **longitude:** 68 deg. 28 min. W. Perennial. Wild. Plant.

PI 552296 to 552346. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Beltsville USDA, ARS, Beltsville, Maryland, United States. Received 1961.

PI 552296 **origin:** United States. **cultivar:** ADCOCK X HARRISON PRYOR. Annual. Cultivar. Seed.

PI 552297 **origin:** United States. **cultivar:** ADCOCK X PINKNEY ARTHUR. Annual. Cultivar. Seed.

PI 552298 **origin:** United States. **cultivar:** BANANA LEAF. Annual. Cultivar. Seed.

PI 552299 **origin:** United States. **cultivar:** BELL 1. Annual. Cultivar. Seed.

PI 552300 **origin:** United States. **cultivar:** BONANZA. Annual. Cultivar. Seed.

PI 552301 **origin:** United States. **cultivar:** BOTTOM SPECIAL. Annual. Cultivar. Seed.

PI 552302 **origin:** United States. **cultivar:** BROAD LEAF ORINOCO. Annual. Cultivar. Seed.

PI 552303 **origin:** United States. **cultivar:** BURCHS SPECIAL. Annual. Cultivar. Seed.

PI 552304 **origin:** United States. **cultivar:** CABBAGE. Annual. Cultivar. Seed.

PI 552296 to 552346-continued

- PI 552305 **origin:** United States. **cultivar:** CASH. Annual.
Cultivar. Seed.
- PI 552306 **origin:** Canada. **cultivar:** DELCREST. Annual. Cultivar.
Seed.
- PI 552307 **origin:** United States. **cultivar:** D H CURRIN. Annual.
Cultivar. Seed.
- PI 552308 **origin:** United States. **cultivar:** DUKANE. Annual.
Cultivar. Seed.
- PI 552309 **origin:** United States. **cultivar:** FAUCETTE SPECIAL.
Annual. Cultivar. Seed.
- PI 552310 **origin:** United States. **cultivar:** GOLD DOLLAR. Annual.
Cultivar. Seed.
- PI 552311 **origin:** United States. **cultivar:** GRIFFIN SPECIAL.
Annual. Cultivar. Seed.
- PI 552312 **origin:** United States. **cultivar:** HARRISON SPECIAL.
Annual. Cultivar. Seed.
- PI 552313 **origin:** United States. **cultivar:** HARRISON PRYOR.
Annual. Cultivar. Seed.
- PI 552314 **origin:** United States. **cultivar:** HICKORY PRYOR. Annual.
Cultivar. Seed.
- PI 552315 **origin:** United States. **cultivar:** JAMAICA. Annual.
Cultivar. Seed.
- PI 552316 **origin:** United States. **cultivar:** JAMAICA WRAPPER.
Annual. Cultivar. Seed.
- PI 552317 **origin:** United States. **cultivar:** LEMON BRIGHT. Annual.
Cultivar. Seed.
- PI 552318 **origin:** United States. **cultivar:** MAMMOTH GOLD. Annual.
Cultivar. Seed.
- PI 552319 **origin:** United States. **cultivar:** MAMMOTH YELLOW.
Annual. Cultivar. Seed.
- PI 552320 **origin:** United States. **cultivar:** OXFORD 1. **other id:**
CV-12. **source:** Crop Sci. 6(1):95 1966. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552321 **origin:** United States. **cultivar:** OXFORD 2. Annual.
Cultivar. Seed.

PI 552296 to 552346-continued

- PI 552322 origin: United States. cultivar: OXFORD 3. Annual.
Cultivar. Seed.
- PI 552323 origin: United States. cultivar: OXFORD 26. other id:
CV-25. source: Crop Sci. 6(1):95 1966. group:
CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552324 origin: United States. cultivar: OXFORD 32. Annual.
Cultivar. Seed.
- PI 552325 origin: United States. cultivar: OXFORD 201. Annual.
Cultivar. Seed.
- PI 552326 origin: United States. cultivar: OXFORD 202. Annual.
Cultivar. Seed.
- PI 552327 origin: United States. cultivar: OXFORD 403. Annual.
Cultivar. Seed.
- PI 552328 origin: United States. cultivar: PARIS WRAPPER. Annual.
Cultivar. Seed.
- PI 552329 origin: United States. cultivar: PINKNEY ARTHUR.
Annual. Cultivar. Seed.
- PI 552330 origin: United States. cultivar: ROBERTSON. Annual.
Cultivar. Seed.
- PI 552331 origin: United States. cultivar: SILK LEAF. Annual.
Cultivar. Seed.
- PI 552332 origin: United States. cultivar: SILVER DOLLAR. Annual.
Cultivar. Seed.
- PI 552333 origin: United States. cultivar: SOUTHERN BEAUTY.
Annual. Cultivar. Seed.
- PI 552334 origin: United States. cultivar: VIRGINIA GOLD. other
id: CV-5. source: Agron. J. 50(11):712 1958. group:
CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552335 origin: United States. cultivar: WARNE. Annual.
Cultivar. Seed.
- PI 552336 origin: United States. cultivar: WHITE MAMMOTH. Annual.
Cultivar. Seed.
- PI 552337 origin: United States. cultivar: WHITE STEM ORINOCO.
Annual. Cultivar. Seed.
- PI 552338 origin: United States. cultivar: YELLOW MAMMOTH.
Annual. Cultivar. Seed.

PI 552296 to 552346-continued

- PI 552339 **origin:** United States. **cultivar:** YELLOW PRYOR. Annual.
Cultivar. Seed.
- PI 552340 **origin:** United States. **cultivar:** YELLOW SPECIAL.
Annual. Cultivar. Seed.
- PI 552341 **origin:** United States. **cultivar:** 400. Annual.
Cultivar. Seed.
- PI 552342 **origin:** United States. **cultivar:** 401 CHERRY RED FREE.
Annual. Cultivar. Seed.
- PI 552343 **origin:** United States. **cultivar:** BIG GEM. Annual.
Cultivar. Seed.
- PI 552344 **origin:** United States. **cultivar:** SC 58. Annual.
Cultivar. Seed.
- PI 552345 **origin:** United States. **cultivar:** PD 611. Annual.
Cultivar. Seed.
- PI 552346 **origin:** United States. **cultivar:** 5932. Annual.
Cultivar. Seed.

PI 552347 to 552350. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Wisconsin AES, Wisconsin, United States. Received 1961.

- PI 552347 **origin:** United States. **cultivar:** HAVANA 142. **other id:**
CV-2. **source:** Agron. J. 50(11):712 1958. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552348 **origin:** United States. **cultivar:** HAVANA 307. **other id:**
CV-3. **source:** Agron. J. 50(11):712 1958. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552349 **origin:** United States. **cultivar:** HAVANA 501. **other id:**
CV-34. **source:** Crop Sci. 8(1):131 1968. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552350 **origin:** United States. **cultivar:** HAVANA 425. **other id:**
CV-4. **source:** Agron. J. 50(11):712 1958. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552351. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Virginia AES, Virginia, United States. Received 1961.

origin: United States. **cultivar:** VIRGINIA 12. Annual.
Cultivar. Seed.

PI 552352 to 552354. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Florida AES, Florida, United States. Received 1961.

PI 552352 **origin:** United States. **cultivar:** RG. Annual. Cultivar. Seed.

PI 552353 **origin:** United States. **cultivar:** DIXIE SHADE. Annual. Cultivar. Seed.

PI 552354 **origin:** United States. **cultivar:** MAGNOLIA. Annual. Cultivar. Seed.

PI 552355 to 552356. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Beltsville USDA, ARS, Beltsville, Maryland, United States. Received 1966.

PI 552355 **origin:** United States. **cultivar:** DIXIE BRIGHT 27. **other id:** CV-13. **source:** Crop Sci. 6(1):95 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552356 **origin:** United States. **cultivar:** DIXIE BRIGHT 28. **other id:** CV-14. **source:** Crop Sci. 6(1):95 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552357. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Pennsylvania AES, Pennsylvania, United States. Received 1961.

origin: United States. **cultivar:** RED ROSE. Annual. Cultivar. Seed.

PI 552358 to 552359. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Florida AES, Florida, United States. Received 1968.

PI 552358 **origin:** United States. **cultivar:** FLORIDA 17. **other id:** CV-45. **source:** Crop Sci. 10(6):730 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552359 **origin:** United States. **cultivar:** FLORIDA 20. **other id:** CV-46. **source:** Crop Sci. 10(6):730 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552360 to 552372. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Kentucky Seed Imprv Assn, Kentucky, United States. Received 1961.

PI 552360 to 552372-continued

- PI 552360 **origin:** United States. **cultivar:** BURLEY 1. **other id:** CV-18. **source:** Crop Sci. 6(6):612 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552361 **origin:** United States. **cultivar:** BURLEY 2. **other id:** CV-19. **source:** Crop Sci. 6(6):612 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552362 **origin:** United States. **cultivar:** BURLEY 11A. **other id:** CV-20. **source:** Crop Sci. 6(6):612 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552363 **origin:** United States. **cultivar:** BURLEY 21. **other id:** CV-21. **source:** Crop Sci. 6(6):612 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552364 **origin:** United States. **cultivar:** BURLEY 37. **other id:** CV-22. **source:** Crop Sci. 6(6):612 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552365 **origin:** United States. **cultivar:** KENTUCKY 9. Annual. Cultivar. Seed.
- PI 552366 **origin:** United States. **cultivar:** KENTUCKY 16. Annual. Cultivar. Seed.
- PI 552367 **origin:** United States. **cultivar:** KENTUCKY 26. Annual. Cultivar. Seed.
- PI 552368 **origin:** United States. **cultivar:** KENTUCKY 35. Annual. Cultivar. Seed.
- PI 552369 **origin:** United States. **cultivar:** KENTUCKY 41A. Annual. Cultivar. Seed.
- PI 552370 **origin:** United States. **cultivar:** KENTUCKY 151. Annual. Cultivar. Seed.
- PI 552371 **origin:** United States. **cultivar:** KENTUCKY 160. Annual. Cultivar. Seed.
- PI 552372 **origin:** United States. **cultivar:** VIRGINIA B-29. **other id:** CV-7. **source:** Agron. J. 50(11):712 1958. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552373. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: South Carolina Crop Imp, South Carolina, United States.
Received 1961.

PI 552373-continued

origin: United States. cultivar: HICKS. Annual.
Cultivar. Seed.

PI 552374 to 552378. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Virginia Crop Imprv Assn, Virginia, United States.
Received 1961.

PI 552374 origin: United States. cultivar: WALKERS BROAD LEAF.
Annual. Cultivar. Seed.

PI 552375 origin: United States. cultivar: HASTINGS. Annual.
Cultivar. Seed.

PI 552376 origin: United States. cultivar: LITTLE SWEET ORINOCO.
Annual. Cultivar. Seed.

PI 552377 origin: United States. cultivar: LIZARD TAIL ORINOCO.
Annual. Cultivar. Seed.

PI 552378 origin: United States. cultivar: YELLOW SPECIAL-A.
other id: CV-10. source: Agron. J. 50(11):712 1958.
group: CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552379. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Virginia Crop Imprv Assn, Virginia, United States.
Received 1978.

origin: United States. cultivar: BROWN LEAF. Annual.
Cultivar. Seed.

PI 552380 to 552384. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: North Carolina USDA, ARS, North Carolina, United States.
Received 1961.

PI 552380 origin: United States. cultivar: NC 95. other id:
CV-26. source: Crop Sci. 6(1):95 1966. group:
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552381 origin: United States. cultivar: NC 75. other id:
CV-17. source: Crop Sci. 6(1):95 1966. group:
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552382 origin: United States. cultivar: NC 73. other id:
CV-16. source: Crop Sci. 6(1):95 1966. group:
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552380 to 552384-continued

PI 552383 **origin:** United States. **cultivar:** DIXIE BRIGHT 101.
other id: CV-1. **source:** Agron. J. 50(11):712 1958.
group: CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552384 **origin:** United States. **cultivar:** DIXIE BRIGHT 102.
other id: CV-15. **source:** Crop Sci. 6(1):95 1966.
group: CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552385. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Beltsville USDA, ARS, Beltsville, Maryland, United States. Received 1967.

origin: United States. **cultivar:** VIRGINIA BRIGHT LEAF.
Annual. Cultivar. Seed.

PI 552386 to 552387. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Co, North Carolina, United States. Received 1961.

PI 552386 **origin:** United States. **cultivar:** H-2. Annual.
Cultivar. Seed.

PI 552387 **origin:** United States. **cultivar:** MCNAIR 121. Annual.
Cultivar. Seed.

PI 552388 to 552401. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Cokers Pedig Seed Co, South Carolina, United States.
Received 1961.

PI 552388 **origin:** United States. **cultivar:** COKER 80-F. Annual.
Cultivar. Seed.

PI 552389 **origin:** United States. **cultivar:** COKER 139. **other id:**
CV-63. **source:** Crop Sci. 15(1):101 1975. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552390 **origin:** United States. **cultivar:** GOLDEN CURE. **other id:**
CV-74. **source:** Crop Sci. 15(1):101 1975. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552391 **origin:** United States. **cultivar:** COKER 187. **other id:**
CV-73. **source:** Crop Sci. 15(1):101 1975. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552388 to 552401-continued

- PI 552392 **origin:** United States. **cultivar:** COKER 187-HICKS. **other id:** CV-72. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552393 **origin:** United States. **cultivar:** GOLDEN WILT. **other id:** CV-75. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552394 **origin:** United States. **cultivar:** COKER 316. **other id:** CV-69. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552395 **origin:** United States. **cultivar:** COKER 128. **other id:** CV-68. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552396 **origin:** United States. **cultivar:** VESTA 5. **other id:** CV-11. **source:** Agron. J. 52(11):666 1960. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552397 **origin:** United States. **cultivar:** HICKS BROADLEAF. Annual. Cultivar. Seed.
- PI 552398 **origin:** United States. **cultivar:** VIRGINIA 21. **other id:** CV-6. **source:** Agron. J. 50(11):712 1958. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552399 **origin:** United States. **cultivar:** GOLDEN HARVEST. **other id:** CV-76. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552400 **origin:** United States. **cultivar:** WHITE GOLD. Annual. Cultivar. Seed.
- PI 552401 **origin:** United States. **cultivar:** OXFORD 1-181. Annual. Cultivar. Seed.

PI 552402 to 552403. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Pennsylvania Dept of Agr, Pennsylvania, United States.
Received 1979.

- PI 552402 **origin:** United States. **cultivar:** GREIDER. Annual. Cultivar. Seed.
- PI 552403 **origin:** United States. **cultivar:** PENNLEAF 1. Annual. Cultivar. Seed.

PI 552404 to 552406. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Pennsylvania Dept of Agr, Pennsylvania, United States.
Received 1961.

PI 552404 **origin:** United States. **cultivar:** PENNBEL 69. Annual.
Cultivar. Seed.

PI 552405 **origin:** United States. **cultivar:** SWARR. Annual.
Cultivar. Seed.

PI 552406 **origin:** United States. **cultivar:** SWARR-HIBSHMAN.
Annual. Cultivar. Seed.

PI 552407. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: North Carolina Crop Imp, North Carolina, United States.
Received 1961.

origin: United States. **cultivar:** 402. Annual.
Cultivar. Seed.

PI 552408 to 552409. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farm, North Carolina, United States.
Received 1961.

PI 552408 **origin:** United States. **cultivar:** SPEIGHT G-3. Annual.
Cultivar. Seed.

PI 552409 **origin:** United States. **cultivar:** SPEIGHTS 31. Annual.
Cultivar. Seed.

PI 552410. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Pennsylvania AES, Pennsylvania, United States. Received
1962.

origin: United States. **cultivar:** HOLBEIN. Annual.
Cultivar. Seed.

PI 552411. *Momordica dioica* Roxb. ex Willd. CUCURBITACEAE

Donated by: National Research Center for Groundnut, (ICAR),
Timbawadi P.O. Junagadh, Gujrat, India. Received June 18, 1991.

origin: India. **origin institute:** National Research
Center for Groundnut, (ICAR), Timbawadi P.O. Junagadh,
Gujrat, Gujarat. **local name:** Kantola. Cultivated.
Seed.

PI 552412 to 552413. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Foundation Seeds Inc., Georgia, United States. Received 1962.

PI 552412 origin: United States. cultivar: FLORIDA 22. Annual.
Cultivar. Seed.

PI 552413 origin: United States. cultivar: TYPE NO 63. Annual.
Cultivar. Seed.

PI 552414 to 552421. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Beltsville USDA, ARS, Beltsville, Maryland, United States. Received 1962.

PI 552414 origin: Turkey. cultivar: SMYRNA NO 9. Annual.
Cultivar. Seed.

PI 552415 origin: Turkey. cultivar: SAMSUN NO 15. Annual.
Cultivar. Seed.

PI 552416 origin: Greece. cultivar: KAVALA NO 15 A. Annual.
Cultivar. Seed.

PI 552417 origin: Turkey. cultivar: AYASOLOUK NO 23. Annual.
Cultivar. Seed.

PI 552418 origin: Greece. cultivar: XANTHI YAKA NO 18 A. Annual.
Cultivar. Seed.

PI 552419 origin: United States. cultivar: BLACK SHANK TOLERANT
SAMSUN. Annual. Cultivar. Seed.

PI 552420 origin: United States. cultivar: BLACK SHANK TOLERANT
SMYRNA. Annual. Cultivar. Seed.

PI 552421 origin: United States. cultivar: BLACK SHANK TOLERANT
KAVALA. Annual. Cultivar. Seed.

PI 552422 to 552423. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Co, North Carolina, United States. Received 1962.

PI 552422 origin: United States. cultivar: MCNAIR 10. Annual.
Cultivar. Seed.

PI 552423 origin: United States. cultivar: MCNAIR 12. Annual.
Cultivar. Seed.

PI 552424 to 552425. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Reams Seed Co, North Carolina, United States. Received 1962.

PI 552424 **origin:** United States. **cultivar:** REAMS 51. Annual. Cultivar. Seed.

PI 552425 **origin:** United States. **cultivar:** REAMS 64. Annual. Cultivar. Seed.

PI 552426. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Cokers Pedig Seed Co, South Carolina, United States. Received 1963.

origin: United States. **cultivar:** COKER 319. **other id:** CV-66. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552427. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Kolding, M.F., Oregon Agr. Exp. Sta., 1910 SW 44, Pendleton, Oregon, United States. Received October 02, 1991.

origin: United States. **origin institute:** Oregon Agr. Exp. Sta., 1910 SW 44, Pendleton, Oregon 97801. **cultivar:** MACVICAR. **pedigree:** Yamhill/McDermid/2/*Triticum spelta* var. Alba/3/Suwon 92/Roedel/4/NB 68513/Hyslop/2/Backa. **other id:** ORFW75336. **other id:** FW75336-103. **remarks:** Soft white winter wheat. Mid-tall (90-110cm), mid-early. Spike 20-80mm long, white chaffed, fusiform, lax, awned. Winter habit semi-prostrate. Glumes glabrous, mid-long, mid-wide with narrow acuminate beaks (3-6mm long). Beak shoulders wanting. Kernel mid-long, ovate with narrow crease. Kernel cheeks rounded. Brush length medium to short. Biennial. Cultivar. Seed.

PI 552428. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Kentucky AES, Kentucky, United States. Received 1963.

origin: United States. **cultivar:** KY 12. **other id:** CV-37. **source:** Crop Sci. 8(1):131 1968. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552429 to 552430. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Co, North Carolina, United States. Received 1963.

PI 552429 origin: United States. cultivar: MCNAIR 20. other id: CV-32. source: Crop Sci. 7(1):81 1967. group: CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552430 origin: United States. cultivar: MCNAIR 30. other id: CV-31. source: Crop Sci. 7(1):81 1967. group: CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552431. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: South Carolina USDA, ARS, South Carolina, United States. Received 1963.

origin: United States. cultivar: PD 468. other id: GP-7. source: Crop Sci. 9(5):682 1969. group: CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552432 to 552437. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Wisconsin AES, Wisconsin, United States. Received 1963.

PI 552432 origin: United States. cultivar: HAVANA 38. Annual. Cultivar. Seed.

PI 552433 origin: United States. cultivar: HAVANA 211. Annual. Cultivar. Seed.

PI 552434 origin: United States. cultivar: HAVANA 263. Annual. Cultivar. Seed.

PI 552435 origin: United States. cultivar: HAVANA 322. Annual. Cultivar. Seed.

PI 552436 origin: United States. cultivar: WISCONSIN SEEDLEAF. Annual. Cultivar. Seed.

PI 552437 origin: United States. cultivar: COMSTOCK SPANISH. Annual. Cultivar. Seed.

PI 552438 to 552440. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Tennessee AES, Tennessee, United States. Received 1963.

PI 552438 origin: United States. cultivar: MADOLE. Annual. Cultivar. Seed.

PI 552438 to 552440-continued

PI 552439 **origin:** United States. **cultivar:** BLACK MAMMOTH. **Annual.**
Cultivar. **Seed.**

PI 552440 **origin:** United States. **cultivar:** DF 516. **Annual.**
Cultivar. **Seed.**

PI 552441 to 552444. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: South Carolina USDA, ARS, South Carolina, United States.
Received 1965.

PI 552441 **origin:** United States. **cultivar:** MRS-1. **other id:** GP-1.
source: Crop Sci. 9(5):681 1969. **group:** CSR-TOBACCO.
Annual. **Cultivar.** **Seed.**

PI 552442 **origin:** United States. **cultivar:** MRS-2. **other id:** GP-2.
source: Crop Sci. 9(5):681 1969. **group:** CSR-TOBACCO.
Annual. **Cultivar.** **Seed.**

PI 552443 **origin:** United States. **cultivar:** MRS-3. **other id:** GP-3.
source: Crop Sci. 9(5):681 1969. **group:** CSR-TOBACCO.
Annual. **Cultivar.** **Seed.**

PI 552444 **origin:** United States. **cultivar:** MRS-4. **other id:** GP-4.
source: Crop Sci. 9(5):681 1969. **group:** CSR-TOBACCO.
Annual. **Cultivar.** **Seed.**

PI 552445. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Cokers Pedig Seed Co, South Carolina, United States.
Received 1965.

origin: United States. **cultivar:** COKER 298. **other id:**
CV-65. **source:** Crop Sci. 15(1):101 1975. **group:**
CSR-TOBACCO. **Annual.** **Cultivar.** **Seed.**

PI 552446. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Kentucky USDA, ARS, Kentucky, United States. **Received**
1964.

origin: United States. **cultivar:** KY 10. **other id:**
CV-36. **source:** Crop Sci. 8(1):131 1968. **group:**
CSR-TOBACCO. **Annual.** **Cultivar.** **Seed.**

PI 552447. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Florida AES, Florida, United States. **Received** 1965.

PI 552447-continued

origin: United States. **cultivar:** FLORIDA 15. **other id:** CV-44. **source:** Crop Sci. 10(6):730 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552448. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Tennessee AES, Tennessee, United States. Received 1965.

origin: United States. **cultivar:** BURLEY 49. **other id:** CV-30. **source:** Crop Sci. 6(6):613 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552449 to 552450. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Rockefeller Inst., New York, New York, United States. Received 1965.

PI 552449 **origin:** United States. **cultivar:** HOLMES BREEDING LINE LOT I. Annual. Cultivar. Seed.

PI 552450 **origin:** United States. **cultivar:** HOLMES BREEDING LINE LOT II. Annual. Cultivar. Seed.

PI 552451 to 552452. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Maryland AES, Maryland, United States. Received 1965.

PI 552451 **origin:** United States. **cultivar:** MARYLAND 59. **other id:** CV-28. **source:** Crop Sci. 6(1):98 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552452 **origin:** United States. **cultivar:** MARYLAND 609. **other id:** CV-27. **source:** Crop Sci. 6(1):97 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552453. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: North Carolina Found. Seed, North Carolina, United States. Received 1967.

origin: United States. **cultivar:** NC 2326. Annual. Cultivar. Seed.

PI 552454 to 552457. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: North Carolina Found. Seed, North Carolina, United States. Received 1966.

PI 552454 to 552457-continued

PI 552454 **origin:** United States. **cultivar:** NC 2512. **Annual.**
Cultivar. **Seed.**

PI 552455 **origin:** United States. **cultivar:** SPEIGHT G-36. **Annual.**
Cultivar. **Seed.**

PI 552456 **origin:** United States. **cultivar:** SPEIGHT G-7. **Annual.**
Cultivar. **Seed.**

PI 552457 **origin:** United States. **cultivar:** SPEIGHT G-5. **Annual.**
Cultivar. **Seed.**

PI 552458. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Virginia AES, Virginia, United States. **Received** 1966.

origin: United States. **cultivar:** VIRGINIA 115. **other id:**
CV-29. **source:** Crop Sci. 6(1):98 1966. **group:**
CSR-TOBACCO. **Annual.** **Cultivar.** **Seed.**

PI 552459 to 552460. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: North Carolina USDA, ARS, North Carolina, United States.
Received 1966.

PI 552459 **origin:** United States. **cultivar:** PDMS-1. **other id:**
GP-5. **source:** Crop Sci. 9(5):681 1969. **group:**
CSR-TOBACCO. **Annual.** **Cultivar.** **Seed.**

PI 552460 **origin:** United States. **cultivar:** PDMS-2. **other id:**
GP-6. **source:** Crop Sci. 9(5):681 1969. **group:**
CSR-TOBACCO. **Annual.** **Cultivar.** **Seed.**

PI 552461 to 552463. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Cokers Pedig Seed Co, South Carolina, United States.
Received 1970.

PI 552461 **origin:** United States. **cultivar:** COKER 258. **other id:**
CV-67. **source:** Crop Sci. 15(1):101 1975. **group:**
CSR-TOBACCO. **Annual.** **Cultivar.** **Seed.**

PI 552462 **origin:** United States. **origin institute:** Coker's
Pedigreed Seed Co., South Carolina. **cultivar:** COKER 347.
other id: PVP 720022. **source:** Certificate in force.
group: PVPO. **other id:** CV-62. **source:** Crop Sci.
15(1):101 1975. **group:** CSR-TOBACCO. **Annual.** **Cultivar.**
Seed.

PI 552461 to 552463-continued

PI 552463 **origin:** United States. **cultivar:** COKER 411. **other id:** PVP 7200023. **other id:** CV-70. **source:** Crop Sci. 15(1):101. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552464. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Kentucky USDA, ARS, Kentucky, United States. Received 1967.

origin: United States. **cultivar:** BURLEY 11B. **other id:** CV-24. **source:** Crop Sci. 6(6):612 1966. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552465. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Florida AES, Florida, United States. Received 1967.

origin: United States. **cultivar:** FLORIDA 513. **other id:** GP-10. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552466. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Cokers Pedig Seed Co, South Carolina, United States. Received 1968.

origin: United States. **cultivar:** COKER 254. **other id:** CV-71. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552467. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Co, North Carolina, United States. Received 1968.

origin: United States. **cultivar:** MCNAIR 14. Annual. Cultivar. Seed.

PI 552468. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farm, North Carolina, United States. Received 1968.

origin: United States. **cultivar:** SPEIGHT G-13. Annual. Cultivar. Seed.

PI 552469 to 552474. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Puerto Rico AES, Puerto Rico, United States. Received 1969.

PI 552469 **origin:** United States. **cultivar:** P R 1-60. Annual. Cultivar. Seed.

PI 552470 **origin:** United States. **cultivar:** P R 2-64. Annual. Cultivar. Seed.

PI 552471 **origin:** United States. **cultivar:** P R 3-65. Annual. Cultivar. Seed.

PI 552472 **origin:** United States. **cultivar:** P R 4-65. Annual. Cultivar. Seed.

PI 552473 **origin:** United States. **cultivar:** P R 5-65. Annual. Cultivar. Seed.

PI 552474 **origin:** United States. **cultivar:** HILAR COMMERCIAL. Annual. Cultivar. Seed.

PI 552475. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Cokers Pedig Seed Co, South Carolina, United States. Received 1969.

origin: United States. **cultivar:** COKER 213. **other id:** CV-47. **source:** Crop Sci. 10(6):730 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552476. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: South Carolina USDA, ARS, South Carolina, United States. Received 1970.

origin: United States. **cultivar:** SC 66. **other id:** CV-38. **source:** Crop Sci. 9(5):680 1969. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552477 to 552479. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Kentucky AES, Kentucky, United States. Received 1970.

PI 552477 **origin:** United States. **cultivar:** KY 14. **other id:** CV-39. **source:** Crop Sci. 9(5):680 1969. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552477 to 552479-continued

PI 552478 **origin:** United States. **cultivar:** KY 165. **other id:** CV-40. **source:** Crop Sci. 10(2):210 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552479 **origin:** United States. **cultivar:** LA BURLEY 21. **other id:** GP-8. **source:** Crop Sci. 10(2):212 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552480. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Virginia USDA, ARS, Virginia, United States. Received 1970.

origin: United States. **cultivar:** VA 3160. **other id:** GP-9. **source:** Crop Sci. 10(4):464 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552481. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Georgia AES, Georgia, United States. Received 1971.

origin: United States. **cultivar:** GEORGIA 1469. **other id:** CV-48. **source:** Crop Sci. 10(6):731 1970. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552482. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: South Carolina AES, South Carolina, United States. Received 1971.

origin: United States. **cultivar:** SC 71. Annual. Cultivar. Seed.

PI 552483 to 552484. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Plant Virus Indicator Col, United States. Received 1975.

PI 552483 **origin:** United States. **cultivar:** JUDY'S PRIDE. Annual. Cultivar. Seed.

PI 552484 **origin:** United States. **cultivar:** XANTHI NN. Annual. Cultivar. Seed.

PI 552485 to 552486. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Boyce Thompson Institute, Plant Research, Inc, 1086 North Broadway, Yonkers, New York, United States. Received 1975.

PI 552485 **origin:** United States. **cultivar:** TURKISH. Annual. Cultivar. Seed.

PI 552486 **origin:** United States. **cultivar:** SAMSUN NN. Annual. Cultivar. Seed.

PI 552487 to 552488. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Plant Virus Indicator Col, United States. Received 1976.

PI 552487 **origin:** Poland. **cultivar:** V20. Annual. Cultivar. Seed.

PI 552488 **origin:** United States. **cultivar:** XANTHI-NC. Annual. Cultivar. Seed.

PI 552489. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Northrup King Co., United States. Received 1976.

origin: United States. **origin institute:** Northrup King Company. **cultivar:** COKER 86. **other id:** PVP 7600004. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552490 to 552493. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms Inc., North Carolina, United States. Received 1977.

PI 552490 **origin:** United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-33. **other id:** PVP 7200051. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552491 **origin:** United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-140. **other id:** PVP 7200140. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552492 **origin:** United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-23. **other id:** PVP 7500065. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552490 to 552493-continued

PI 552493 **origin:** United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-15. **other id:** PVP 7400007. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552494. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Farms, North Carolina, United States. Received 1977.

origin: United States. **origin institute:** McNair Seed Co., North Carolina. **cultivar:** MCNAIR 944. **other id:** PVP 7400035. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552495. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Northrup King Co., United States. Received 1978.

origin: United States. **origin institute:** Northrup King Company. **cultivar:** COKER 48. **other id:** PVP 7800008. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552496. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Pennsylvania AES, Pennsylvania, United States. Received 1979.

origin: United States. **cultivar:** PENNLAN. Annual. Cultivar. Seed.

PI 552497. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms Inc., North Carolina, United States. Received 1979.

origin: United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-70. **other id:** PVP 7900035. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552498. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms Inc., North Carolina, United States. Received 1980.

PI 552498-continued

origin: United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-52. **other id:** PVP 7900040. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552499. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Powell, N. T., Dept. of Plant Pathology, Raleigh, North Carolina, United States. Received 1980.

origin: United States. **cultivar:** NC 89. Annual. Cultivar. Seed.

PI 552500. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seeds Farms Inc., North Carolina, United States. Received 1981.

origin: United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-58. **other id:** PVP 7900118. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552501. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Skoog, H. A., USDA-ARS, Tobacco Laboratory, BARC-West, Beltsville, Maryland, United States. Received 1982.

origin: United States. **cultivar:** MARYLAND 341. **other id:** CV-86. **source:** Crop Sci. 22(3):689 1982. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552502. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Currin, R. E., Clemson University, Pee Dee Experiment Sta, P.O. Box 271, Florence, South Carolina, United States. Received 1982.

origin: United States. **cultivar:** CLEMSON PD 4. **other id:** CV-85. **source:** Crop Sci. 21(6):988 1981. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552503 to 552504. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Northrup King Co., United States. Received 1982.

PI 552503 to 552504-continued

PI 552503 **origin:** United States. **origin institute:** Northrup King Company. **cultivar:** COKER 51. **other id:** PVP 8100048. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552504 **origin:** United States. **origin institute:** Northrup King Company. **cultivar:** K399. **other id:** PVP 8200001. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552505. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Northrup King Co., United States. Received 1983.

origin: United States. **origin institute:** Northrup King Company. **cultivar:** K326. **other id:** PVP 8300070. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552506 to 552508. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Terrill, T. R., Agronomy Department, VPI & SU, Southern Piedmont Center, Blackstone, Virginia, United States. Received 1983.

PI 552506 **origin:** United States. **cultivar:** VA 182. **other id:** CV-88. **source:** Crop Sci. 23(6):1221 1983. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552507 **origin:** United States. **cultivar:** VA 528. **other id:** CV-89. **source:** Crop Sci. 24(3):620 1984. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552508 **origin:** United States. **cultivar:** VA 409. **other id:** CV-90. **source:** Crop Sci. 24(3):621 1984. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552509 to 552510. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Chaleff, R., E I Du Pont & Co, Dept of Central Res & Dev, Experimental Station, Wilmington, Delaware, United States. Received 1983.

PI 552509 **origin:** United States. **cultivar:** XANTHI-S4. Annual. Cultivar. Seed.

PI 552510 **origin:** United States. **cultivar:** XANTHI-PARENTAL. Annual. Cultivar. Seed.

PI 552511. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Chaplin, J. F., USDA-ARS, Tobacco Research Laboratory, Oxford, North Carolina, United States. Received 1983.

origin: United States. **cultivar:** BEL 921. **other id:** GP-20. **source:** Crop Sci. 24(4):830 1984. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552512. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Gwynn, G. R., Route 2 Box 166, Oxford, North Carolina, United States. Received 1984.

origin: United States. **cultivar:** NC 50. **other id:** CV-91. **source:** Crop Sci. 24(4):825 1984. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552513. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: McNair Seed Co., North Carolina, United States. Received 1984.

origin: United States. **origin institute:** McNair Seed Co., North Carolina. **cultivar:** MCNAIR 373. **other id:** PVP 8000060. **source:** Application abandoned/withdrawn. **group:** PVPO. Annual. Cultivar. Seed.

PI 552514. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Chaplin, J. F., USDA-ARS, Tobacco Research Laboratory, Oxford, North Carolina, United States. Received 1984.

origin: United States. **cultivar:** LMAFC-34. **other id:** GP-21. **source:** Crop Sci. 24(6):1220 1984. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552515. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Received 1984.

origin: United States. **cultivar:** NC 85. **other id:** CV-92. **source:** Crop Sci. 25(3):573 1985. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552516. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Meeusen, R. L., Research Laboratories, Rohm & Haas Co.,
727 Norristown Rd., Spring House, Pennsylvania, United States.
Received 1984.

origin: United States. **cultivar:** PETITE HAVANA SRL.
Annual. Cultivar. Seed.

PI 552517. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Received 1985.

origin: United States. **cultivar:** MAFC 5. **other id:**
GP-22. **source:** Crop Sci. 26(1):214 1986. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552518. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Northrup King Co., United States. Received 1985.

origin: United States. **origin institute:** Northrup King
Company. **cultivar:** COKER 206. **other id:** PVP 8500040.
source: Certificate in force. **group:** PVPO. Annual.
Cultivar. Seed.

PI 552519. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms Inc., North Carolina, United States.
Received 1984.

origin: United States. **origin institute:** Speight Seed
Farms Inc., North Carolina. **cultivar:** SPEIGHT-G-80.
other id: PVP 8500025. **source:** Certificate in force.
group: PVPO. Annual. Cultivar. Seed.

PI 552520. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Currin, R. E., Clemson University, Pee Dee Experiment
Sta, P.O. Box 271, Florence, South Carolina, United States.
Received 1986.

origin: United States. **cultivar:** PD 279. **other id:**
CV-93. **source:** Crop Sci. 26(4):836 1986. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552521. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Gwynn, G. R., USDA-ARS, Route 2 Box 166, Oxford, North Carolina, United States. Received 1986.

origin: United States. **cultivar:** NC 60. **other id:** CV-94. **source:** Crop Sci. 26(5):1085 1986. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552522. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Miller, Robert, UT Tobacco Exp. Sta., University of Tennessee, Route 5, Greeneville, Tennessee, United States. Received 1986.

origin: United States. **cultivar:** TN 86. **other id:** CV-95. **source:** Crop Sci. 27(2):365 1987. **group:** CSR-TOBACCO. Annual. Cultivar. Seed.

PI 552523. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Speight Seed Farms Inc., North Carolina, United States. Received 1987.

origin: United States. **origin institute:** Speight Seed Farms Inc., North Carolina. **cultivar:** SPEIGHT G-108. **other id:** PVP 8700057. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552524 to 552525. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Northrup King Co., United States. Received 1987.

PI 552524 **origin:** United States. **origin institute:** Northrup King Company. **cultivar:** COKER 371 GOLD. **other id:** PVP 8700049. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552525 **origin:** United States. **origin institute:** Northrup King Company. **cultivar:** K394. **other id:** PVP 8700040. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 552526. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Northrup King Co., United States. Received 1980.

PI 552526-continued

origin: United States. **origin institute:** Northrup King Company. **cultivar:** K317. **other id:** PVP 8700120.
source: Certificate in force. **group:** PVPO. Annual.
Cultivar. Seed.

PI 552527 to 552528. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Miller, F.R., Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas, United States. **remarks:** A2/B2Tx636 and Tx637 Sorghum Parental Lines. Received June 20, 1991.

PI 552527 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas 77843. **cultivar:** A2/B2Tx636. **pedigree:** ((SC120-6 *Tx7000)*Tx430)-4-1-1-2-bk-2-2-1-9-C3-bk Female in A2 cytoplasm. **other id:** PL-232. **group:** CSR-SORGHUM. **remarks:** Pair of cytoplasmic-genetic male-sterile, maintainer lines. Genetically 3-dwarf (dw1Dw2dw3dw4). Resistant to insecticide phytotoxic reactions. Necrotic plant color red (PPqq). Seed color translucent red. Glumes non-clasping non-persistent. Endosperm normal, hard, intermediate. Excellent male sterility under environmental conditions tested. Combining ability good. Hybrid comparison. Annual. Breeding Material. Seed.

PI 552528 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas 77843. **cultivar:** A2/B2Tx637. **pedigree:** (SC108-6*Tx7078)-4-3-1-bk-10-4-2-2-2-C3-bk Female in A2 cytoplasm. **other id:** PL-233. **group:** CSR-SORGHUM. **remarks:** Pair of cytoplasmic-genetic male-sterile, maintainer lines. Genetically 3-dwarf (dw1Dw2dw3dw4). Resistant to insecticide phytotoxic reactions. Necrotic plant color purple (PPQQ). Seed color translucent red, size small. Glumes non-clasping non-persistent. Endosperm normal, hard, intermediate. Combining ability good. Hybrid comparison trials with currently used commercial hybrids were non-significantly. Annual. Breeding Material. Seed.

PI 552529. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: Meyer, W., Pure-Seed Testing, Inc., 3057 G. St., Hubbard, Oregon, United States. Received June 20, 1991.

PI 552529-continued

origin: United States. **cultivar:** CHARGER. **pedigree:** Advanced generation synthetic resulting from two cycles of recurrent selection. Selections from Citation II were crossed with Master perennial ryegrass and selections from old turf areas in New Jersey. **other id:** 2HH. **other id:** PST-2HH. **other id:** PVP 8900143. **source:** Certificate in force. **group:** PVPO. **remarks:** Maturity early. Maintains good winter color. Plant height semi-dwarf, as low as 70cm at maturity. Resistance good to *Fusarium nivale*, *Puccinia graminis*, *Rhizoctonia solani*, and *Drechslera dictyoides*. Perennial. Cultivar. Seed.

PI 552530. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Helms, D.M., University of California - Davis, Davis, California, United States; and California Agr. Exp. Sta.. **remarks:** UC27 Chickpea. Received June 20, 1991.

origin: United States. **origin institute:** University of California - Davis, Davis, California 95616. **cultivar:** UC27. **pedigree:** (UC5 x Sonor)-F6-Bulk. **other id:** CV-96. **group:** CSR-OTHER LEGUMES. **remarks:** Growth habit erect. Flowers white. Seeds large, crinkled, straw-colored, typical of Kabuli type chickpeas. Leaf compound with pinnate leaflets. At maturity, when grown in San Joaquin Valley, the plant senesces and, on drying, the branches arch inward leaving mature plant upright and suitable for direct harvest. Recommended for growing in San Joaquin Valley as a winter crop. Can be grown at California. Winter Annual. Cultivar. Seed.

PI 552531. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Helms, D.M., University of California - Davis, Davis, California, United States; and California Agr. Exp. Sta.. **remarks:** UC15 Chickpea. Received June 20, 1991.

origin: United States. **origin institute:** University of California - Davis, Davis, California 95616. **cultivar:** UC15. **pedigree:** (UC5 x Sonor)-F6-Bulk. **other id:** CV-97. **group:** CSR-OTHER LEGUMES. **remarks:** Growth habit large, spreading. Flowers white. Seeds large, crinkled, straw-colored, typical of Kabuli type chickpeas. Leaf compound with pinnate leaflets. Resistant to *Fusarium oxysporum* races 0,1,3,4,5,6. Moderately resistant to race 2. Resistant to one of two new races of F.o. found in California (isolate T) and susceptible to the other (isolate B). Although not resistant to the complex of viruses which. Winter Annual. Cultivar. Seed.

PI 552532 to 552534. *Beta vulgaris* L. CHENOPODIACEAE Sugar beet

Donated by: Campbell, L.G., Agricultural Research Laboratory -- USDA, Northern Crop Sci. Lab., Fargo, North Dakota, United States; and North Dakota Agr. Exp. Sta.. **remarks:** F1011-F1014 Sugarbeet Germplasms. Received June 20, 1991.

PI 552532 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab., Fargo, North Dakota 58105. **cultivar:** F1012. **pedigree:** Selected (six cycles) from PI 266610 (originally from Poland). **other id:** GP-135. **group:** CSR-SUGARBEET. **remarks:** 167 accessions of the NC-7 Beta collection were screened for high sucrose concentration. High sucrose individuals from lines with above average sucrose were selected for 6 cycles. Segregates for pink and green hypocotyls and produces multigerm seed. Sucrose concentration was equal to Ultramono, and root yield was 70% of Ultramono. Biennial. Breeding Material. Seed.

PI 552533 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab., Fargo, North Dakota 58105. **cultivar:** F1013. **pedigree:** Selected (six cycles) from PI 169025 (originally from Turkey). **other id:** GP-136. **group:** CSR-SUGARBEET. **remarks:** 167 accessions of the NC-7 Beta collection were screened for high sucrose concentration. High sucrose individuals from lines with above average sucrose were selected for 6 cycles. Segregates for pink and green hypocotyls and produces multigerm seed. Sucrose concentration was equal to Ultramono, and root yield was 80% of Ultramono. Biennial. Breeding Material. Seed.

PI 552534 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab., Fargo, North Dakota 58105. **cultivar:** F1014. **pedigree:** Selected (six cycles) from PI 355959 (originally from Russia). **other id:** GP-137. **group:** CSR-SUGARBEET. **remarks:** 167 accessions of the NC-7 Beta collection were screened for high sucrose concentration. High sucrose individuals from lines with above average sucrose were selected for 6 cycles. Segregates for pink and green hypocotyls and produces multigerm seed. Sucrose concentration was equal to Ultramono, and rooty yield was 80% of Ultramono. Biennial. Breeding Material. Seed.

PI 552535. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Baker, S.H., Georgia Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia, United States. **remarks:** GaT 85-19 Cotton Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Georgia Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia 31793. **cultivar:** Gat 85-19. **pedigree:** PD 4381B/CP8208. **other id:** GP-504. **group:** CSR-COTTON. **remarks:** Full season variety with low micronaire. Vigorous, late maturing, intermediate type. Mature plant height 36-48 inches. Foliage dark green. Leaves, bolls and seed medium size. Canopy moderate open. Excellent fiber strength and length. Spring Annual. Breeding Material. Seed.

PI 552536. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Baker, S.H., Georgia Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia, United States. **remarks:** GaT 86-71 Cotton Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Georgia Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia 31793. **cultivar:** GaT 86-71. **pedigree:** GaT 77-27/GaT 81-383. **other id:** GP-505. **group:** CSR-COTTON. **remarks:** Smoothleaf variety with trichomes absent from the stem and leaf surface except on leaf margin. Full season, vigorous, intermediate type. Mature plant height 36-48 inches. Foliage dark green. Leaves medium size. Bolls and seed medium-large. Bolls have excellent fluff and storm resistance. Excellent fiber length and fineness and average fiber strength. Spring Annual. Breeding Material. Seed.

PI 552537. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Baker, S.H., Georgia Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia, United States. **remarks:** Georgia King Cotton. Received June 20, 1991.

origin: United States. **origin institute:** Georgia Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia 31793. **cultivar:** GEORGIA KING. **pedigree:** Tifcot 56/McNair 235. **other id:** CV-98. **group:** CSR-COTTON. **other id:** PVP 9100257. **source:** Pending. **group:** PVPO. **remarks:** High yielding full season variety. Maturity 150-175 days. Seedling vigor good developing into vigorous-growing intermediate type with mature plant height 36-48 inches. Moderately open canopy. Foliage dark green. Leaves medium size. Bolls and seed medium-large. Plant pubescence is similar to parents. Stiff stalk that resists lodging. Bolls with excellent fluff and storm resistance. Lint percentage. Spring Annual. Breeding Material. Seed.

PI 552538. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Graef, G.L., Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska, United States. **remarks:** Dunbar Soybean. Received June 20, 1991.

origin: United States. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska 68583-0915. **cultivar:** Dunbar. **pedigree:** Platte x A3127. **other id:** U85-74089. **other id:** CV-292. **group:** CSR-SOYBEAN. **remarks:** Indeterminate mid Group III variety. Flowers purple. Pubescence gray. Pods brown. Seed coat shiny yellow. Hilum imperfect black. Average seed composition 40.6% protein and 20.9% oil. Average plant height 0.8m and seed size 148mg seed -1. Resistant to races 1 and 7 of *Phytophthora megasperma*. Tolerant to *Diaporthe phaseolorum*, soybean mosaic virus, and iron deficiency chlorosis. Annual. Cultivar. Seed.

PI 552539. *Hordeum vulgare* L. POACEAE Winter barley

Donated by: Risius, M.L., Agricultural Research Service -- USDA, Pennsylvania State University, University Park, Pennsylvania, United States; and Pennsylvania Agr. Exp. Sta.; and Virginia Polytechnic Inst. & State Univ.. **remarks:** Penncomp 101 Barley Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Pennsylvania State University, University Park, Pennsylvania 16802. **cultivar:** PENNCOMP 101. **pedigree:** Eleven crosses involving cultivars and lines of Surry, Hanover, Jefferson, Barsoy, Henry, Monroe, Maury, Harrison, Cebada Capa, Wong, an awnleted Hudson selection and Michigan 62-420-32. **other id:** GP-130. **group:** CSR-BARLEY. **remarks:** Excellent winterhardiness. Resistant to powdery mildew, leaf rust, and net blotch. Derived experimental lines from this population have also had outstanding grain yields, test weights, and lodging resistance. Winter Annual. Breeding Material. Seed.

PI 552540. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Marble, V.L., California Agr. Exp. Sta., University of California, Davis, California, United States. **remarks:** UC 73 Alfalfa Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 73. **pedigree:** Equal amounts of seed were combined from the following nine parent clones: W3-1, W3-2, W3-3, W3-4, W3-6, W3-7, W3-9, W3-10, W3-11. Seed produced by hand pollination in greenhouse. **other id:** GP-244. **source:** Crop Sci. 32(1):284 1992. **group:** CSR-ALFALFA. **remarks:** Nondormant, 9-clone synthetic selected for low feeding damage by the Egyptian alfalfa weevil (*Hypra brunneipennis*), which demonstrated lower numbers of larvae per sweep than check varieties. Selected from UC W3 near San Pasqual, San Diego Co., CA. Mean number of larvae per sweep and mean scores (1=no defoliation; 10=complete defoliation) in field plots at Kearney Agr. Ctr., Fresno, CA were respectively. Perennial. Breeding Material. Seed.

PI 552541 to 552550. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Marble, V.L., California Agr. Exp. Sta., University of California, Davis, California, United States; and Agricultural Research Service -- USDA; and University of Minnesota. **remarks:** UC 176, UC 196, UC 226, UC 276, UC 296 Alfalfa Germplasms UC 189 and UC 231 Alfalfa Germplasms UC 195 Alfalfa Germplasm UC 222 and UC 263 Alfalfa Germplasms. Received June 20, 1991.

PI 552541 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 176. **pedigree:** Approx. 50-80% of parentage traces to UC Salton, UC Cargo, and CUF 101. The remaining parentage can be traced to other UC material obtained in the Imperial Valley Agricultural Center. All seed was open pollinated by honeybees. **other id:** GP-245. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm whose parent plants were selected from a holding nursery for root-rot resistant germplasms located in an area with soil salinity values of 0.7 to 1.2 Sm-1 (7 to 12 mmho cm-1) in the top three feet of soil. Selected over 4 yrs. for insect and root rot diseases found in the low desert of southern CA. Percentage resistant to blue alfalfa aphid were: 22, 28, 56, and 07 for UC 176, UC. Perennial. Breeding Material. Seed.

- PI 552542 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 189. **pedigree:** Traces to 18 plants selected from UC 143. Seed was space planted in a cage and intercrossed with honeybees. **other id:** GP-253. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant 18 clone synthetic selected for resist. to bacterial wilt, Fusarium wilt, and Phytophthora root rot. In trials at St. Paul, MN, percentage of plants resistant to bacterial wilt were: 17, 39, 42, <1 for UC 189, UC 231, Vernal (R), and Narragansett (S), respectively. The percent of plants resistant to Fusarium wilt were: 77, 77, 72, and 4 for UC 189, UC 231, Moapa 69 (R), and MN GN-1 (S),. Perennial. Breeding Material. Seed.
- PI 552543 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 195. **pedigree:** A 242-clone synthetic whose parentage trace to 4 gp pools as follows: A)BAA 1 (a gp developed by Legume Insect Lab., Tuscon, AZ), 37%; B)CUF 101, 33%; C) UC Salton-type, 28%;and D)Mesa Sirsa, 2%. Seed prod. in cage pollinated by honeybees. **other id:** GP-255. **source:** Crop Sci. 32(1):286 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm selected for high resistance to blue alfalfa aphid and Fusarium wilt and resistance to Phytophthora root rot. Selected for blue alfalfa aphid under cage both in El Centro, CA and Tuscon, AZ, and for Fusarium and Phytophthora at El Centro, CA. % resistant to blue alfalfa aphid at Tucson: 73, 56, & 0.7, for UC 195, CUF 101 (R), & Caliverde(S), respectively. At St. Paul, % resistant. Perennial. Breeding Material. Seed.
- PI 552544 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 196. **pedigree:** Approx. 50-80% of the parentage traces to UC Salton, UC Cargo, and CUF 101. The remaining parentage can be traced to UC material obtained at the Imperial Valley Agr. Center. All seed was open pollinated by honeybees. **other id:** GP-246. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm whose parent plants were selected from a holding nursery for root rot resistant germplasms located in an area with soil salinity values of 0.7 to 1.2 Sm-1 (7 to 12 mmho cm-1) in the top 3 feet of soil. Selected over 4 yrs. for important insect and root rot diseases found in the low desert of Southern CA. UC 176 is the second cycle of selection for these factors, completed in 1980. Seedling. Perennial. Breeding Material. Seed.

- PI 552545 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 222. **pedigree:** 107 plants selected from wide germplasm base of unadapted and adapted germplasm to the Imperial Valley of southern California. Seed was produced in cages and intercrossed with honeybees. **other id:** GP-250. **source:** Crop Sci. 32(1):286 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant 107 clone synthetic germplasm selected for high resistance to the blue alfalfa aphid. Parent plants were selected from seedling tests in the greenhouse, and from a large walk-in insect cage where high numbers of blue alfalfa aphid were maintained over a two week period. At Tucson, AZ, the percentage of resistant plants were: 75, 56, and 0.7 for UC 222, CUF 101(R), and Caliverde(S),. Perennial. Breeding Material. Seed.
- PI 552546 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 226. **pedigree:** Approx. 50-80% of the parentage of the germplasm traces to UC Salton, UC Cargo, and CUF 101. The remaining parentage can be traced to other UC material obtained at the Imperial Valley Agr. Ctr. All seed was open pollinated by honeybees. **other id:** GP-247. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm whose parent plants were selected from a holding nursery for root-rot resistant germplasms located in an area with soil salinity values of 0.7 to 1.2 Sm⁻¹ (7 to 12 mmho cm⁻¹) in the top three feet of soil. Selected over 4 years for important insect and root rot diseases found in the low desert of southern California. High yielding gp which yielded 107% of CUF 101 in a two year. Perennial. Breeding Material. Seed.
- PI 552547 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 231. **pedigree:** Intercross of 235 plants space planted in a cage and intercrossed with honeybees. Origin traces to CUF 101 (75%) and UC 103, a population selected from UC Salton in a low, wet area near Blythe, CA (25%). **other id:** GP-254. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant 235 clone synthetic selected from the second and third cycles of selections for bacterial wilt resistance at St. Paul, MN. Percentage of plants resistant to bacterial wilt were: 39, 17, 42, and <1 for UC 231, UC 189, Vernal(R), and Narragansett(S), respectively. Percentage of plants resistant to Fusarium wilt were: 77, 77, 72, and 4 for UC 231, UC 189, Moapa 69(R), and MN GN-1(S), respectively. The. Perennial. Breeding Material. Seed.

PI 552548 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 263. **pedigree:** 109 plants selected from UC 222. The latter is a wide germplasm base of unadapted and adapted materials maintained by the Univ. of Calif. alfalfa breeding program, El Centro, CA. Seed was produced in cages & intercrossed with honeybees. **other id:** GP-251. **source:** Crop Sci. 32(1):286 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant 109 clone synthetic selected for high resistance to blue alfalfa aphid. Parent plants were selected from seedling tests in the greenhouse, and from a large walk-in insect cage, where high numbers of blue alfalfa aphids were maintained over a two week period. At Tucson, AZ, percentage of resistant plants were: 88, 58, and 0 for UC 263, CUF 101(R), and Caliverde(S), respectively. Perennial. Breeding Material. Seed.

PI 552549 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 276. **pedigree:** Approx. 50-80% of parentage traces to UC Salton, UC Cargo, and CUF 101. Remaining parentage can be traced to other UC material obtained at Imperial Valley Agr. Ctr. All seed was open pollinated by honeybees. **other id:** GP-248. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm whose parent plants were selected from a holding nursery for root-rot resistant germplasms located in an area with soil salinity values of 0.7 to 1.2 Sm-1(7 to 12 mmho cm⁻¹) in the top 3 feet of soil. Selected over 4 yrs. for important insect and root rot diseases found in the low desert of southern CA. Fourth gp produced from above area. Long lived, high yielding, yielding 7% higher. Perennial. Breeding Material. Seed.

PI 552541 to 552550-continued

PI 552550 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 296. **pedigree:** Approx. 50-80% of parentage traces to UC Salton, UC Cargo, and CUF 101. Remaining parentage can be traced to other UC material obtained at the Imperial Valley Agr. Ctr. All seed was open pollinated by honeybees. **other id:** GP-249. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm whose parent plants were selected from a holding nursery for root-rot resistant germplasms located in an area with soil salinity values of 0.7 to 1.2 Sm-1(7 to 12 mmho cm⁻¹) in the top 3 feet of soil. Selected over 4 yrs. for important insect and root rot diseases found in the low desert of southern CA. At St. Paul, MN, highly resistant to Fusarium wilt with percentage of resistant. Perennial. Breeding Material. Seed.

PI 552551. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Marble, V.L., California Agr. Exp. Sta., University of California, Davis, California, United States. **remarks:** UC 332 Alfalfa Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 332. **pedigree:** 167 plants were selected at the West Side Field Sta., near Five Points, CA from UC 186 (47 clones), UC 193 (23 clones), UC 195 (50 clones), and UC 196 (47 clones) whose parentages trace to CUF 101, 44%; UC Salton-type gp, 39%, & unknown 17%. **other id:** GP-252. **source:** Crop Sci. 32(1):287 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant 167 clone synthetic selected for high resistance to Fusarium wilt and Phytophthora root rot. Selected from 5 yr. old thinly populated variety yield trial at West Side Field Sta. where Phytophthora root rot, Fusarium wilt, and physiological, low oxygen tension disease commonly called "scald" were factors. Planted in isolation and pollinated with honeybees. At St. Paul, % resistant to. Perennial. Breeding Material. Seed.

PI 552552. *Melilotus officinalis* Lam. FABACEAE Sweetclover

Donated by: Gorz, H.J., Agricultural Research Service -- USDA, University of Nebraska, Lincoln, Nebraska, United States; and Nebraska Agr. Exp. Sta.. **remarks:** N27 Large-Seeded, Aphid-Resistant Sweetclover Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, University of Nebraska, Lincoln, Nebraska 68583-0915. **cultivar:** N27. **pedigree:** Selection from PI 178985. **other id:** GP-1. **group:** CSR-SWEETCLOVER. **remarks:** Large seeded *Melilotus officinalis* introduction from Turkey (PI 178985) was subjected to several generations of selection for increased seed size followed by selection for resistance to both the pea aphid (*Acyrtosiphon pisum*) and the sweetclover aphid (*Therioaphis riehmi*). Biennial. Breeding Material. Seed.

PI 552553. *Melilotus officinalis* Lam. FABACEAE Sweetclover

Donated by: Gorz, H.J., Agricultural Research Service -- USDA, University of Nebraska, Lincoln, Nebraska, United States; and Nebraska Agr. Exp. Sta.. **remarks:** N28 Low Coumarin, Aphid-Resistant Sweetclover Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, University of Nebraska, Lincoln, Nebraska 68583-0915. **cultivar:** N28. **other id:** GP-2. **group:** CSR-SWEETCLOVER. **remarks:** Combines reduced coumarin content, conditioned by a gene derived originally from a wild sweetclover species, *Melilotus dentata*, with genetic resistance to the sweetclover aphid (*Therioaphis riehmi*). To a large extent, these traits are incorporated into the genetic background of the *M. officinalis* cultivar Goldtop. Biennial. Breeding Material. Seed.

PI 552554. *Melilotus officinalis* Lam. FABACEAE Sweetclover

Donated by: Gorz, H.J., Agricultural Research Service -- USDA, University of Nebraska, Lincoln, Nebraska, United States; and Nebraska Agr. Exp. Sta.. **remarks:** N29 Low Coumarin, Large-Seeded Aphid-Resistant Sweetclover Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, University of Nebraska, Lincoln, Nebraska 68583-0915. **cultivar:** N29. **other id:** GP-3. **group:** CSR-SWEETCLOVER. **remarks:** Combines reduced coumarin content, increased seed size, and resistance to the sweetclover aphid (*Therioaphis riehmi*). The gene for reduced coumarin content was derived originally from the wild sweetclover species, *Melilotus dentata*, and the source of increased seed size was PI 178985, a *Melilotus officinalis* introduction from Turkey. Sweetclover aphid resistance was improved by conventional screening and. Biennial. Breeding Material. Seed.

PI 552555. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Gorbet, D.W., Florida Agr. Exp. Sta., University of Florida, Marianna, Florida, United States. **remarks:** Marc I Peanut. Received June 20, 1991.

origin: United States. **origin institute:** Florida Agr. Exp. Sta., University of Florida, Marianna, Florida 32446. **cultivar:** MARC I. **pedigree:** 72 x 78-11-1-1-B (F439-17-2-1-1 x F459B-3-2-4-6-2-2-1). **other id:** UF79308-1. **other id:** CV-46. **source:** Crop Sci. 32(1):279 1992. **group:** CSR-PEANUT. **other id:** PVP 9200115. **source:** Pending. **group:** PVPO. **remarks:** High yielding, early maturing runner or prostrate growth habit variety with prominent main stem and light green foliage. Produces runner market-type pods and seed (66.5g 100-seed weight), averages 79.9% TSMK, 20.2% ELK, and 1.0% other kernels. Seed pink, relatively smooth testa. Seed contain 51% oil with an oleic and linoleic fatty acid content of 53.3 and 26.9% respectively, with an iodine. Spring Annual. Cultivar. Seed.

PI 552556 to 552563. *Gossypium hirsutum* L. MALVACEAE Upland cotton

Donated by: Wilson, F.D., Agricultural Research Service -- USDA, Western Cotton Research Laboratory, Phoenix, Arizona, United States; and Arizona Agr. Exp. Sta.. **remarks:** Eight Cotton Germplasms. Received June 20, 1991.

PI 552556 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-15NL. **pedigree:** Stoneville 8737N (advanced nectariless strain from Stoneville Pedigreed Seed Co.) x La-Okra-2 (okra-leaf germplasm from J.E. Jones, La. Agr. Exp. Sta.), selection for NL in F2, five backcrosses to Stoneville 8737N. **other id:** GP-496. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries and has okra leaf shape. Both of these traits impart resistance to pink bollworm (*Pectinophora gossypiella*). In a 2-season trial at Maricopa, AZ, yielded 1581 kg ha⁻¹ of lint, 64% of total lint was harvested at second of five bi-weekly harvests, fiber length (2.5% span) 27.4mm, fiber strength 203 KN m Kg⁻¹, and fiber fineness 4.64 micronaire units. (N=nectariless, L=okra leaf). Spring Annual. Breeding Material. Seed.

PI 552557 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-16N. **pedigree:** Stoneville 825 (nectariless cultivar from Stoneville Pedigreed Seed Co.) x La-Okra-2 (okra-leaf germplasm from J.E. Jones, La. Agr. Exp. Sta.), selection for N in F2, five backcrosses to Stoneville 825. **other id:** GP-497. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries. This trait imparts resistance to pink bollworm (*Pectinophora gossypiella*). In a 2-season trial at Maricopa, AZ, yielded 1533 kg ha⁻¹ of lint, 60% of total lint was harvested at the second of five bi-weekly harvests, fiber length (2.5% span) 26.5mm, fiber strength 184 kN m Kg⁻¹, and fiber fineness 4.03 micronaire units. (N=nectariless). Spring Annual. Breeding Material. Seed.

PI 552558 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-17NL. **pedigree:** Stoneville 825 (nectariless cultivar from Stoneville Pedigreed Seed Co.) x La-Okra-2 (okra-leaf germplasm from J.E. Jones, La. Agr. Exp. Sta.), selection for NL in F2, five backcrosses to Stoneville 825. **other id:** GP-498. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries and has okra leaf shape. These traits impart resistance to pink bollworm (*Pectinophora gossypiella*). In 2-season trial at Maricopa, AZ, yielded 1581 kg ha⁻¹ of lint, 69% of total lint was harvested at second of five bi-weekly harvests, fiber length 26.8mm, fiber strength 195 kN m Kg⁻¹, and fiber fineness 4.18 micronaire units. (N=nectariless, L=okra leaf). Spring Annual. Breeding Material. Seed.

PI 552559 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-18NSS. **pedigree:** Stoneville 825 (nectariless cultivar from Stoneville Pedigreed Seed Co.) x La-Okra-2 (okra-leaf germplasm from J.E. Jones, La. Agr. Exp. Sta.), selection for N in F2, outcross to DES 24-8NSS, 5 backcrosses to Stoneville 825. **other id:** GP-499. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries and has semi-smooth leaf shape. Nectariless imparts resist. to pink bollworm (*Pectinophora gossypiella*) and semi-smoothleaf reduces the amount of trash in mechanically harvested seedcotton. In 2-season trial at Maricopa, AZ, yielded 1472 kg ha⁻¹ of lint, 62% of total lint was harvested at second of five bi-weekly harvests, fiber length 26.0mm, fiber strength 180 kN m Kg⁻¹, and. Spring Annual. Breeding Material. Seed.

- PI 552560 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-19NSSL. **pedigree:** Stoneville 825 (nectariless cultivar from Stoneville Pedigreed Seed Co.) x La-Okra-2 (okra-leaf germplasm from J.E. Jones, La. Agr. Exp. Sta.), selection for NL in F2, outcross to DES 24-8NSS, 5 backcrosses to Stoneville 825. **other id:** GP-500. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries, has semi-smooth leaf, and okra leaf shape. Nectariless and okra leaf impart resistance to pink bollworm (*Pectinophora gossypiella*) and semi-smoothleaf reduces trash in mechanically harvested seedcotton. In 2-season trial at Maricopa, AZ, yielded 966 kg ha⁻¹ of lint 75% of total lint was harvested at second of five bi-weekly harvests, fiber length 26.8mm, fiber strength 193 kN m Kg⁻¹,. Spring Annual. Breeding Material. Seed.
- PI 552561 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-20NSS. **pedigree:** Deltapine 62 (SS cultivar from Delta and Pine Land Co.) x Deltapine 7544NSS (advanced Deltapine strain), selection for N in F2, five backcrosses to Deltapine 62. **other id:** GP-501. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries and has semi-smooth leaf shape. Nectariless imparts resistance to pink bollworm (*Pectinophora gossypiella*) and semi-smoothleaf reduces the amount of trash in mechanically harvested seedcotton. In 2-season trial at Maricopa, AZ, yielded 1533 kg ha⁻¹ of lint, 56% of total lint was harvested at second of five bi-weekly harvests, fiber length 27.8mm, fiber strength 213. Spring Annual. Breeding Material. Seed.
- PI 552562 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-22NSS. **pedigree:** Deltapine 120 (SS cultivar from Delta and Pine Land Co.) x Deltapine 7544NSS (advanced Deltapine strain), selection for N in F2, five backcrosses to Deltapine 120. **other id:** GP-502. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries and has semi-smooth leaf shape. Nectariless imparts resistance to pink bollworm (*Pectinophora gossypiella*) and semi-smoothleaf reduces the amount of trash in mechanically harvested seedcotton. In 2-season trial at Maricopa, AZ, yielded 1748 kg ha⁻¹ of lint, 50% of total lint was harvested at second of five bi-weekly harvests, fiber length 25.4mm, fiber strength 209. Spring Annual. Breeding Material. Seed.

PI 552556 to 552563-continued

PI 552563 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-24NSS. **pedigree:** Deltapine 712 (SS cultivar from Delta and Pine Land Co.) x AET-5NL (pink bollworm resistant, nectariless, okra leaf germplasm), selection for NSS in F2, an outcross and five backcrosses to Deltapine 733 (SS Deltapine cultivar). **other id:** GP-503. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries and has semi-smooth leaf shape. Nectariless imparts resistance to pink bollworm (*Pectinophora gossypiella*) and semi-smoothleaf reduces the amount of trash in mechanically harvested seedcotton. In 2-season trial at Maricopa, AZ, yielded 1610 kg ha⁻¹ of lint, 80% of total lint was harvested at second of five bi-weekly harvests, fiber length 26.5mm, fiber strength 198. Spring Annual. Breeding Material. Seed.

PI 552564. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Grau, C.R., Wisconsin Agr. Exp. Sta., University of Wisconsin-Madison, Madison, Wisconsin, United States. **remarks:** WAPH-1 Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Wisconsin Agr. Exp. Sta., University of Wisconsin, Madison, Wisconsin. **cultivar:** WAPH-1. **pedigree:** Tetraploid (2n=4x=32) synthetic population that traces to the cultivars Answer, Apollo II, Armor, Blazer, Challenger, Drummor, G-7730, Magnum, Oneida, Trident, Saranac AR, and a single plant, MSR-193. **other id:** GP-243. **source:** Crop Sci. 32(1):287 1992. **group:** CSR-ALFALFA. **remarks:** Intended as a resistant check for the evaluation of alfalfa germplasm for resistance to *Aphanomyces* root rot. Percent of plants resistant to *Aphanomyces euteiches* - 55; to *Phytophthora megasperma* - 7; to *Clavibacter michiganense* - 52; *Fusarium oxysporum* - 49; to *Colletotrichum trifolii* (race 1) - 3; and to *Verticillium albo-atrum* - 30. Perennial. Breeding Material. Seed.

PI 552565 to 552567. *Cowania mexicana* D. Don ROSACEAE Cliffrose

Donated by: Pater, M.J., Soil Conservation Service -- USDA, Tucson Plant Materials Center, 3241 N. Romero Road, Tucson, Arizona, United States. Received June 20, 1991.

PI 552565 to 552567-continued

- PI 552565 **origin:** United States. **cultivar:** 9018061. **collected:** June 01, 1980. **locality:** Southeast of Snowflake; Sec. 28, T12N, R23E. **remarks:** Longer leader growth and more desirable ground cover characteristics: lower branches spread laterally over ground Flowered 4-6 weeks earlier than other accessions and flower set is more dense and uniform. Potential uses include: diversity in seed mixes for reseeding depleted range sites, abandoned cropland, critical areas, and mine reclamation sites; provide improved wildlife habitat and winter forage;. Wild. Seed.
- PI 552566 **origin:** United States. **cultivar:** 9026143. **collected:** October 01, 1980. **locality:** 0.75 mi. west of Winona on I-40; SW of the NW 1/4 of Sec. 14, T21N, R9E. **remarks:** Vigor very good. Growth form rounded (desirable landscape characteristic). Flowering period longer. Seed production superior. Potential uses include: diversity in seed mixes for reseeding depleted range sites, abandoned cropland, critical areas, and mine reclamation sites; provide improved wildlife habitat and winter forage; and use as an ornamental landscape shrub. Wild. Seed.
- PI 552567 **origin:** United States. **cultivar:** 9026144. **collected:** October 01, 1980. **locality:** Winona exit on I-40; NW of the SE 1/4 of Sec. 14, T21N, R9E. **remarks:** Vigor very good. Growth form rounded (desirable landscape characteristic). Flowering period longer. Seed production superior. Potential uses include: diversity in seed mixes for reseeding depleted range sites, abandoned cropland, critical areas, and mine reclamation sites; provide improved wildlife habitat and winter forage; and use as an ornamental landscape shrub. Wild. Seed.

PI 552568. *Setaria macrostachya* H. B. K. POACEAE Plains Bristlegrass

Donated by: Pater, M.J., Soil Conservation Service -- USDA, Tucson Plant Materials Center, 3241 N. Romero Road, Tucson, Arizona, United States. Received June 20, 1991.

origin: United States. **cultivar:** 9003939. **pedigree:** Thirteen accessions from the 1975 Critical Area and Range Improvement Grass IEP (Tucson PMC Annual Tech. Report 1975). **other id:** 04-19916. **other id:** A-19916. Wild. Seed.

PI 552569 to 552784. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Tobacco Collection, Crops Research Laboratory, P.O. Box 1168, Oxford, North Carolina, United States. Received 1991.

PI 552569 to 552784-continued

PI 552569 origin: UNKNOWN. cultivar: 2-5-3B. Annual. Cultivar. Seed.

PI 552570 origin: UNKNOWN. cultivar: 2238. Annual. Cultivar. Seed.

PI 552571 origin: UNKNOWN. cultivar: 396. Annual. Cultivar. Seed.

PI 552572 origin: United States. cultivar: 401 CHERRY RED. Annual. Cultivar. Seed.

PI 552573 origin: UNKNOWN. cultivar: 4R. Annual. Cultivar. Seed.

PI 552574 origin: UNKNOWN. cultivar: 521. Annual. Cultivar. Seed.

PI 552575 origin: UNKNOWN. cultivar: 56-92. Annual. Cultivar. Seed.

PI 552576 origin: UNKNOWN. cultivar: 56-96. Annual. Cultivar. Seed.

PI 552577 origin: UNKNOWN. cultivar: 589. Annual. Cultivar. Seed.

PI 552578 origin: UNKNOWN. cultivar: 658. Annual. Cultivar. Seed.

PI 552579 origin: UNKNOWN. cultivar: 7D. Annual. Cultivar. Seed.

PI 552580 origin: United States. cultivar: 8202. Annual. Cultivar. Seed.

PI 552581 origin: United States. cultivar: 8358. Annual. Cultivar. Seed.

PI 552582 origin: UNKNOWN. cultivar: 911. Annual. Cultivar. Seed.

PI 552583 origin: United States. cultivar: ADKINS MADOLE. Annual. Cultivar. Seed.

PI 552584 origin: United States. cultivar: AMERELO 5. Annual. Cultivar. Seed.

PI 552585 origin: United States. cultivar: AST. Annual. Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552586 **origin:** United States. **cultivar:** AST-B. Annual.
Cultivar. Seed.
- PI 552587 **origin:** United States. **cultivar:** AST-C. Annual.
Cultivar. Seed.
- PI 552588 **origin:** United States. **cultivar:** AURELIUS. Annual.
Cultivar. Seed.
- PI 552589 **origin:** United States. **cultivar:** BARNETT SPECIAL.
Annual. Cultivar. Seed.
- PI 552590 **origin:** United States. **cultivar:** BAUR. Annual.
Cultivar. Seed.
- PI 552591 **origin:** United States. **cultivar:** BEL-B. Annual.
Cultivar. Seed.
- PI 552592 **origin:** United States. **cultivar:** BEL-C. Annual.
Cultivar. Seed.
- PI 552593 **origin:** United States. **cultivar:** BELL 15. Annual.
Cultivar. Seed.
- PI 552594 **origin:** United States. **cultivar:** BELL 29. Annual.
Cultivar. Seed.
- PI 552595 **origin:** United States. **cultivar:** BELL 93. Annual.
Cultivar. Seed.
- PI 552596 **origin:** United States. **cultivar:** BLUE STAR 100. Annual.
Cultivar. Seed.
- PI 552597 **origin:** United States. **cultivar:** BRIGHT YELLOW. Annual.
Cultivar. Seed.
- PI 552598 **origin:** United States. **cultivar:** BROWN AND WILLIAMS LOW
NIC. Annual. Cultivar. Seed.
- PI 552599 **origin:** United States. **cultivar:** BURLEY 21
(V246-RHODESIA). Annual. Cultivar. Seed.
- PI 552600 **origin:** United States. **cultivar:** BURLEY MAMMOTH KY16.
Annual. Cultivar. Seed.
- PI 552601 **origin:** United States. **cultivar:** C-1-A. Annual.
Cultivar. Seed.
- PI 552602 **origin:** United States. **cultivar:** C-1-B. Annual.
Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552603 origin: United States. cultivar: CAROLINA BRIGHT.
Annual. Cultivar. Seed.
- PI 552604 origin: UNKNOWN. cultivar: CAVALA #20. Annual.
Cultivar. Seed.
- PI 552605 origin: United States. cultivar: CB-61-1. Annual.
Cultivar. Seed.
- PI 552606 origin: United States. cultivar: CB-61-2. Annual.
Cultivar. Seed.
- PI 552607 origin: United States. cultivar: CCC-7-3. Annual.
Cultivar. Seed.
- PI 552608 origin: United States. cultivar: CCC-7D. Annual.
Cultivar. Seed.
- PI 552609 origin: United States. cultivar: CCC-G. Annual.
Cultivar. Seed.
- PI 552610 origin: United States. cultivar: CCC-H. Annual.
Cultivar. Seed.
- PI 552611 origin: United States. cultivar: CCC-J. Annual.
Cultivar. Seed.
- PI 552612 origin: United States. cultivar: CCC-K. Annual.
Cultivar. Seed.
- PI 552613 origin: United States. cultivar: CCC-L. Annual.
Cultivar. Seed.
- PI 552614 origin: United States. cultivar: CCC-W3 (FLECK LINE).
Annual. Cultivar. Seed.
- PI 552615 origin: United States. cultivar: CCC-W3 (WHITE SPOT
LINE). Annual. Cultivar. Seed.
- PI 552616 origin: United States. cultivar: CERTIFIED MADOLE.
Annual. Cultivar. Seed.
- PI 552617 origin: United States. cultivar: CIGAR WRAPPER (DOM
REP). Annual. Cultivar. Seed.
- PI 552618 origin: United States. cultivar: CONNECTICUT 49
(BARWELL). Annual. Cultivar. Seed.
- PI 552619 origin: United States. cultivar: CONNECTICUT BROADLEAF.
Annual. Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552620 origin: United States. cultivar: CONNECTICUT C-2. Annual. Cultivar. Seed.
- PI 552621 origin: United States. cultivar: CONNECTICUT SHADE. Annual. Cultivar. Seed.
- PI 552622 origin: United States. cultivar: D-534-A-1. Annual. Cultivar. Seed.
- PI 552623 origin: United States. cultivar: DEAN. Annual. Cultivar. Seed.
- PI 552624 origin: Canada. cultivar: DELHI 61. Annual. Cultivar. Seed.
- PI 552625 origin: Canada. cultivar: DELHI 76. Annual. Cultivar. Seed.
- PI 552626 origin: United States. cultivar: DF 300. Annual. Cultivar. Seed.
- PI 552627 origin: United States. cultivar: DUTCH (OHIO). Annual. Cultivar. Seed.
- PI 552628 origin: United States. cultivar: EX. 12. Annual. Cultivar. Seed.
- PI 552629 origin: United States. cultivar: FLORIDA 301. Annual. Cultivar. Seed.
- PI 552630 origin: United States. cultivar: FLORIDA 2612. Annual. Cultivar. Seed.
- PI 552631 origin: United States. cultivar: FLORIDA SUMATRA. Annual. Cultivar. Seed.
- PI 552632 origin: United States. cultivar: FOREHEIMER GUNDERTHEIMES III. Annual. Cultivar. Seed.
- PI 552633 origin: United States. cultivar: FROG EYE ORINOCO. Annual. Cultivar. Seed.
- PI 552634 origin: United States. cultivar: GC-1. Annual. Cultivar. Seed.
- PI 552635 origin: United States. cultivar: GC-2. Annual. Cultivar. Seed.
- PI 552636 origin: United States. cultivar: GEN 18. Annual. Cultivar. Seed.

PI 552569 to 552784-continued

PI 552637	origin: United States. Cultivar. Seed.	cultivar: GEN 164.	Annual.
PI 552638	origin: United States. Cultivar. Seed.	cultivar: GEN 224.	Annual.
PI 552639	origin: United States. Cultivar. Seed.	cultivar: GEN 911.	Annual.
PI 552640	origin: United States. Cultivar. Seed.	cultivar: GEORGIA 1470.	Annual.
PI 552641	origin: United States. Cultivar. Seed.	cultivar: GERTZ.	Annual.
PI 552642	origin: United States. Cultivar. Seed.	cultivar: GLESSNOR.	Annual.
PI 552643	origin: United States. Cultivar. Seed.	cultivar: GOLD LEAF.	Annual.
PI 552644	origin: United States. Cultivar. Seed.	cultivar: GOLDEN BURLEY.	Annual.
PI 552645	origin: United States. Cultivar. Seed.	cultivar: GREEN BRIOR.	Annual.
PI 552646	origin: United States. WOOD). Annual. Cultivar. Seed.	cultivar: GREENWOOD (LITTLE	
PI 552647	origin: United States. Cultivar. Seed.	cultivar: H-47.	Annual.
PI 552648	origin: United States. Cultivar. Seed.	cultivar: HAROUOVA.	Annual.
PI 552649	origin: United States. Cultivar. Seed.	cultivar: HARROW 12.	Annual.
PI 552650	origin: United States. Cultivar. Seed.	cultivar: HARROW VELVET.	Annual.
PI 552651	origin: United States. Cultivar. Seed.	cultivar: HARWILL.	Annual.
PI 552652	origin: United States. Cultivar. Seed.	cultivar: HAVANA 426.	Annual.
PI 552653	origin: United States. Cultivar. Seed.	cultivar: HAVANA 503B.	Annual.

PI 552569 to 552784-continued

- PI 552654 **origin:** United States. **cultivar:** HAVANA K-1. Annual.
Cultivar. Seed.
- PI 552655 **origin:** United States. **cultivar:** HAVANA K-2. Annual.
Cultivar. Seed.
- PI 552656 **origin:** United States. **cultivar:** HAVANA K-2-24. Annual.
Cultivar. Seed.
- PI 552657 **origin:** United States. **cultivar:** HEADS MADOLE. Annual.
Cultivar. Seed.
- PI 552658 **origin:** United States. **cultivar:** HILL ISLAND. Annual.
Cultivar. Seed.
- PI 552659 **origin:** United States. **cultivar:** I 35 (Insect
Resistant). Annual. Cultivar. Seed.
- PI 552660 **origin:** United States. **cultivar:** I514. Annual.
Cultivar. Seed.
- PI 552661 **origin:** United States. **cultivar:** IMPROVED BRIOR.
Annual. Cultivar. Seed.
- PI 552662 **origin:** United States. **cultivar:** IMPROVED MADOLE.
Annual. Cultivar. Seed.
- PI 552663 **origin:** United States. **cultivar:** JADEL. Annual.
Cultivar. Seed.
- PI 552664 **origin:** United States. **cultivar:** JERNIGAN'S MADOLE.
Annual. Cultivar. Seed.
- PI 552665 **origin:** United States. **cultivar:** JOHN DINGESS CONN BDL.
Annual. Cultivar. Seed.
- PI 552666 **origin:** United States. **cultivar:** JOHN WILLIAMS CONN BDL.
Annual. Cultivar. Seed.
- PI 552667 **origin:** United States. **origin institute:** Northrup King
Company. **cultivar:** K340. **other id:** PVP 8800070.
source: Certificate in force. **group:** PVPO. Annual.
Cultivar. Seed.
- PI 552668 **origin:** UNKNOWN. **cultivar:** KAVALA. Annual. Cultivar.
Seed.
- PI 552669 **origin:** United States. **cultivar:** KELLER. Annual.
Cultivar. Seed.
- PI 552670 **origin:** United States. **cultivar:** KELLY BROWNLEAF.
Annual. Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552671 **origin:** United States. **cultivar:** KELLY BURLEY. Annual.
Cultivar. Seed.
- PI 552672 **origin:** United States. **cultivar:** KUPCHONOS CONN BDL.
Annual. Cultivar. Seed.
- PI 552673 **origin:** United States. **cultivar:** KY 1. Annual.
Cultivar. Seed.
- PI 552674 **origin:** United States. **cultivar:** KY 17. **other id:**
CV-83. **source:** Crop Sci. 18(4):694 1978. **group:**
CSR-TOBACCO. Annual. Cultivar. Seed.
- PI 552675 **origin:** United States. **cultivar:** KY 19. Annual.
Cultivar. Seed.
- PI 552676 **origin:** United States. **cultivar:** KY 21. Annual.
Cultivar. Seed.
- PI 552677 **origin:** United States. **cultivar:** KY 22. Annual.
Cultivar. Seed.
- PI 552678 **origin:** United States. **cultivar:** KY 24. Annual.
Cultivar. Seed.
- PI 552679 **origin:** United States. **cultivar:** KY 33. Annual.
Cultivar. Seed.
- PI 552680 **origin:** United States. **cultivar:** KY 34. Annual.
Cultivar. Seed.
- PI 552681 **origin:** United States. **cultivar:** KY 52. Annual.
Cultivar. Seed.
- PI 552682 **origin:** United States. **cultivar:** KY 54. Annual.
Cultivar. Seed.
- PI 552683 **origin:** United States. **cultivar:** KY 56. Annual.
Cultivar. Seed.
- PI 552684 **origin:** United States. **cultivar:** KY 57. Annual.
Cultivar. Seed.
- PI 552685 **origin:** United States. **cultivar:** KY 58. Annual.
Cultivar. Seed.
- PI 552686 **origin:** United States. **cultivar:** KY 153. Annual.
Cultivar. Seed.
- PI 552687 **origin:** United States. **cultivar:** KY 157. Annual.
Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552688 **origin:** United States. **cultivar:** KY 163. Annual.
Cultivar. Seed.
- PI 552689 **origin:** United States. **cultivar:** LANCASTER SEED LEAF
(OHIO). Annual. Cultivar. Seed.
- PI 552690 **origin:** United States. **cultivar:** LITTLE CRITTENDEN.
Annual. Cultivar. Seed.
- PI 552691 **origin:** United States. **cultivar:** LITTLE HILL. Annual.
Cultivar. Seed.
- PI 552692 **origin:** United States. **cultivar:** LONG PENN BINDER.
Annual. Cultivar. Seed.
- PI 552693 **origin:** United States. **cultivar:** LONG RED. Annual.
Cultivar. Seed.
- PI 552694 **origin:** United States. **cultivar:** M-1. Annual.
Cultivar. Seed.
- PI 552695 **origin:** United States. **cultivar:** M-2. Annual.
Cultivar. Seed.
- PI 552696 **origin:** United States. **cultivar:** MADOLE. Annual.
Cultivar. Seed.
- PI 552697 **origin:** United States. **cultivar:** MADOLE (NN). Annual.
Cultivar. Seed.
- PI 552698 **origin:** United States. **cultivar:** MARYLAND 14 D2.
Annual. Cultivar. Seed.
- PI 552699 **origin:** United States. **cultivar:** MARYLAND 21. Annual.
Cultivar. Seed.
- PI 552700 **origin:** United States. **cultivar:** MASS CK-1. Annual.
Cultivar. Seed.
- PI 552701 **origin:** United States. **cultivar:** MCCULLERS 27. Annual.
Cultivar. Seed.
- PI 552702 **origin:** United States. **cultivar:** MOONLIGHT. Annual.
Cultivar. Seed.
- PI 552703 **origin:** United States. **cultivar:** MOORE. Annual.
Cultivar. Seed.
- PI 552704 **origin:** United States. **cultivar:** MS 400. Annual.
Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552705 **origin:** United States. **cultivar:** MS 402. Annual.
Cultivar. Seed.
- PI 552706 **origin:** United States. **cultivar:** MS BURLEY 1. Annual.
Cultivar. Seed.
- PI 552707 **origin:** United States. **cultivar:** MS KY 16. Annual.
Cultivar. Seed.
- PI 552708 **origin:** United States. **cultivar:** MS MARYLAND MEDIUM.
Annual. Cultivar. Seed.
- PI 552709 **origin:** United States. **cultivar:** MS PA SWARR HIBSHMAN.
Annual. Cultivar. Seed.
- PI 552710 **origin:** United States. **cultivar:** NARROW LEAF (NL)
MADOLE. Annual. Cultivar. Seed.
- PI 552711 **origin:** United States. **cultivar:** NC 22NF. Annual.
Cultivar. Seed.
- PI 552712 **origin:** United States. **cultivar:** NC 37NF. Annual.
Cultivar. Seed.
- PI 552713 **origin:** United States. **cultivar:** NC 88. Annual.
Cultivar. Seed.
- PI 552714 **origin:** United States. **cultivar:** NC 567. Annual.
Cultivar. Seed.
- PI 552715 **origin:** United States. **cultivar:** NC 1071. Annual.
Cultivar. Seed.
- PI 552716 **origin:** United States. **cultivar:** NC PY 14. Annual.
Cultivar. Seed.
- PI 552717 **origin:** United States. **cultivar:** NIC 112 (PL 81).
Annual. Cultivar. Seed.
- PI 552718 **origin:** United States. **cultivar:** NIC 112B (PL 10).
Annual. Cultivar. Seed.
- PI 552719 **origin:** United States. **cultivar:** NIC 112B (PL 11).
Annual. Cultivar. Seed.
- PI 552720 **origin:** United States. **cultivar:** NIC 112B (PL 12).
Annual. Cultivar. Seed.
- PI 552721 **origin:** United States. **cultivar:** NIC 112B (PL 13).
Annual. Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552722 **origin:** United States. **cultivar:** NIC 112B (PL 24).
Annual. Cultivar. Seed.
- PI 552723 **origin:** United States. **cultivar:** NIC 112B (PL 25).
Annual. Cultivar. Seed.
- PI 552724 **origin:** United States. **cultivar:** NIC 112C-G (PL 37).
Annual. Cultivar. Seed.
- PI 552725 **origin:** United States. **cultivar:** NIC 112C-G (PL 38).
Annual. Cultivar. Seed.
- PI 552726 **origin:** United States. **cultivar:** NIC 112C-G (PL 271).
Annual. Cultivar. Seed.
- PI 552727 **origin:** United States. **cultivar:** NIC 117-1-A. Annual.
Cultivar. Seed.
- PI 552728 **origin:** United States. **cultivar:** NIC 117D-1A. Annual.
Cultivar. Seed.
- PI 552729 **origin:** United States. **cultivar:** NIC 117D-1B. Annual.
Cultivar. Seed.
- PI 552730 **origin:** United States. **cultivar:** NIC 117H-1. Annual.
Cultivar. Seed.
- PI 552731 **origin:** United States. **cultivar:** PA 60-19. Annual.
Cultivar. Seed.
- PI 552732 **origin:** United States. **cultivar:** PA BROADLEAF. Annual.
Cultivar. Seed.
- PI 552733 **origin:** United States. **cultivar:** PA SWARR HIBSHMAN.
Annual. Cultivar. Seed.
- PI 552734 **origin:** United States. **cultivar:** PD 41. Annual.
Cultivar. Seed.
- PI 552735 **origin:** United States. **cultivar:** PD 48. Annual.
Cultivar. Seed.
- PI 552736 **origin:** United States. **cultivar:** PD 114. Annual.
Cultivar. Seed.
- PI 552737 **origin:** United States. **cultivar:** PD 187. Annual.
Cultivar. Seed.
- PI 552738 **origin:** United States. **cultivar:** PD 335. Annual.
Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552739 origin: United States. cultivar: PD 682. Annual. Cultivar. Seed.
- PI 552740 origin: United States. cultivar: PD 811. Annual. Cultivar. Seed.
- PI 552741 origin: United States. cultivar: PENNSYLVANIA RED (OHIO). Annual. Cultivar. Seed.
- PI 552742 origin: United States. cultivar: PERIQUE. Annual. Cultivar. Seed.
- PI 552743 origin: United States. cultivar: POSEY. Annual. Cultivar. Seed.
- PI 552744 origin: United States. cultivar: REAMS 158. Annual. Cultivar. Seed.
- PI 552745 origin: United States. cultivar: REAMS 266. Annual. Cultivar. Seed.
- PI 552746 origin: United States. cultivar: ROBINSON MED BROADLEAF. Annual. Cultivar. Seed.
- PI 552747 origin: UNKNOWN. cultivar: SAMSUN. Annual. Cultivar. Seed.
- PI 552748 origin: UNKNOWN. cultivar: SAMSUN (nn). Annual. Cultivar. Seed.
- PI 552749 origin: United States. cultivar: SB 400. Annual. Cultivar. Seed.
- PI 552750 origin: United States. cultivar: SB 402. Annual. Cultivar. Seed.
- PI 552751 origin: United States. cultivar: SB BURLEY 1. Annual. Cultivar. Seed.
- PI 552752 origin: United States. cultivar: SMITH 79X. Annual. Cultivar. Seed.
- PI 552753 origin: United States. cultivar: SMITH DSPA 33C. Annual. Cultivar. Seed.
- PI 552754 origin: United States. cultivar: SMITH OXFORD 26. Annual. Cultivar. Seed.
- PI 552755 origin: United States. cultivar: SMITH OXFORD 201. Annual. Cultivar. Seed.

PI 552569 to 552784-continued

PI 552756 origin: United States. cultivar: SMITH OXFORD 202.
Annual. Cultivar. Seed.

PI 552757 origin: United States. cultivar: SMITH TI 79A. Annual.
Cultivar. Seed.

PI 552758 origin: UNKNOWN. cultivar: SMYRNA. Annual. Cultivar.
Seed.

PI 552759 origin: UNKNOWN. cultivar: SMYRNA NO 23. Annual.
Cultivar. Seed.

PI 552760 origin: UNKNOWN. cultivar: STANIMAKA NO 20. Annual.
Cultivar. Seed.

PI 552761 origin: United States. cultivar: STEWART CUBAN. Annual.
Cultivar. Seed.

PI 552762 origin: United States. cultivar: SWEENEY. Annual.
Cultivar. Seed.

PI 552763 origin: United States. cultivar: THOMPSON. Annual.
Cultivar. Seed.

PI 552764 origin: United States. cultivar: TOM ROSSON (TR) MADOLE.
Annual. Cultivar. Seed.

PI 552765 origin: United States. cultivar: UNIFORM. Annual.
Cultivar. Seed.

PI 552766 origin: United States. cultivar: VA 724. Annual.
Cultivar. Seed.

PI 552767 origin: United States. cultivar: VAMoor 48. Annual.
Cultivar. Seed.

PI 552768 origin: United States. cultivar: VAMoor 50. Annual.
Cultivar. Seed.

PI 552769 origin: United States. cultivar: VESTA 30. Annual.
Cultivar. Seed.

PI 552770 origin: United States. cultivar: VESTA 33. Annual.
Cultivar. Seed.

PI 552771 origin: United States. cultivar: VESTA 62. Annual.
Cultivar. Seed.

PI 552772 origin: United States. cultivar: VESTA 64. Annual.
Cultivar. Seed.

PI 552569 to 552784-continued

- PI 552773 **origin:** United States. **cultivar:** VINCENT HARRIS (VH) MADOLE. Annual. Cultivar. Seed.
- PI 552774 **origin:** United States. **cultivar:** WALDEN CONN BRD. Annual. Cultivar. Seed.
- PI 552775 **origin:** United States. **cultivar:** WARD. Annual. Cultivar. Seed.
- PI 552776 **origin:** United States. **cultivar:** WARNER. Annual. Cultivar. Seed.
- PI 552777 **origin:** United States. **cultivar:** WEAVER. Annual. Cultivar. Seed.
- PI 552778 **origin:** United States. **cultivar:** WOODS. Annual. Cultivar. Seed.
- PI 552779 **origin:** UNKNOWN. **cultivar:** XANTHI (MITCHELL-MOR). Annual. Cultivar. Seed.
- PI 552780 **origin:** UNKNOWN. **cultivar:** XANTHI (SMITH). Annual. Cultivar. Seed.
- PI 552781 **origin:** UNKNOWN. **cultivar:** YELLOW GOLD. Annual. Cultivar. Seed.
- PI 552782 **origin:** UNKNOWN. **cultivar:** YELLOW MAMMOTH (BS RES). Annual. Cultivar. Seed.
- PI 552783 **origin:** UNKNOWN. **cultivar:** YELLOW ORINOCO. Annual. Cultivar. Seed.
- PI 552784 **origin:** UNKNOWN. **cultivar:** YELLOW TWIST BUD. Annual. Cultivar. Seed.

PI 552785 to 552786. *Ipomoea ramosissima* (Poir) Choisy
CONVOLVULACEAE

Donated by: International Potato Center (CIP), P.O. Box 5969, Lima, Peru. **remarks:** Received through R. Jarret, USDA-ARS, Griffin, Georgia. Received July 02, 1991.

- PI 552785 **donor id:** CIP 460005. **origin:** Peru. **collector id:** DLP 657. Wild. Seed.
- PI 552786 **donor id:** CIP 460036. **origin:** Bolivia. **collector id:** DLP 1656. Wild. Seed.

PI 552787. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: National Research Center for Groundnut, (ICAR),
Timbawadi P.O. Junagadh, Gujrat, India. Received July 02, 1991.

origin: India. **cultivar:** GIRNAR-1. Cultivar. Seed.

PI 552788. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Singh, K.B., ICARDA, Legume Program, Aleppo, Syria; and
ICRISAT. **remarks:** ILC 482 Chickpea. Received July 01, 1991.

origin: Syria. **origin institute:** ICARDA, Legume Program,
Aleppo. **cultivar:** ILC 482. **other id:** CV-98. **group:**
CSR-OTHER LEGUMES. **remarks:** Seeds kabuli type, ram-head
shaped and beige colored. Flowering early, 134 days.
Maturity medium, 182 days. Grows 56cm, bushy type. Growth
habit spreading. Harvest index high, 54%. 100-seed
weight, 29.8g. Protein content on dry seed basis, 21.8%.
Yield high. Adaptation wide. Moderately resistant to
Ascochyta blight (*Ascochyta rabiei*) and cold. Susceptible
to leaf miner (*Liriomyza cicerina*), seed beetle. Spring
Annual. Cultivar. Seed.

PI 552789. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Singh, K.B., ICARDA, Legume Program, Aleppo, Syria; and
ICRISAT. **remarks:** ILC 3279 Chickpea. Received July 01, 1991.

origin: Syria. **origin institute:** ICARDA, Legume Program,
Aleppo. **cultivar:** ILC 3279. **other id:** CV-99. **group:**
CSR-OTHER LEGUMES. **remarks:** Seeds kabuli type, pea
shaped and light orange colored. Flowering late, 149
days. Maturity 183 days. Grows 71cm, tall type. Growth
habit semi-erect. Harvest index low, 35%. 100-seed
weight, 27.7%. Protein content on dry seed basis, 21.5%.
Yield medium. Adaptation wide. Resistant to Ascochyta
blight (*Ascochyta rabiei*) and cold. Susceptible to leaf
miner (*Liriomyza cicerina*), seed beetle. Spring Annual.
Cultivar. Seed.

PI 552790. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Singh, K.B., ICARDA, P.O. Box 5466, Aleppo, Syria; and
ICRISAT. **remarks:** ILC 8262 Chickpea Cold Tolerant Germplasm.
Received July 01, 1991.

PI 552790-continued

origin: Syria. **origin institute:** ICARDA, P.O. Box 5466, Aleppo. **cultivar:** ILC 8262. **other id:** GP-101. **group:** CSR-OTHER LEGUMES. **remarks:** Kabuli type, ram-head-shaped and beige colored seeds. Flowering 144 days. Maturity 185 days. Grows 57cm tall, mid-tall type. Growth habit spreading. 100-seed weight, 32.lg. Protein content on dry seed basis, 23.3%. Highly susceptible to Ascochyta blight (*Ascochyta rabiei*). Tolerant to leaf miner (*Liriomyza cicerina*). Susceptible to seed beetle (*Callasobruchus chinesis*) and cyst nematode. Biennial. Breeding Material. Seed.

PI 552791 to 552794. *Elymus lanceolatus* (Scribner & J. G. Smith) Gould
subsp. *lanceolatus* POACEAE

Donated by: Jones, T.A., Forage and Range Research Lab., USDA-ARS, Utah State University, Logan, Utah, United States. Received June 05, 1991.

PI 552791 **donor id:** Acc: 322. **origin:** United States. **collector id:** Acc: 322. **other id:** W6 7181. **group:** W6. **locality:** Blackfoot. Wild. Seed.

PI 552792 **donor id:** Acc: 353. **origin:** United States. **collector id:** Acc: 353. **other id:** W6 7182. **group:** W6. **locality:** Soda Springs. Wild. Seed.

PI 552793 **donor id:** T-38. **origin:** United States. **collector id:** T-38. **other id:** W6 7183. **group:** W6. **locality:** 1.6km S of Tuscarora. Wild. Seed.

PI 552794 **donor id:** T-467. **origin:** United States. **collector id:** T-467. **other id:** W6 7184. **group:** W6. **locality:** N side of Buena Vista. Wild. Seed.

PI 552795 to 552796. *Leymus cinereus* (Lams.-Scribn. & Merr.) A. Love
POACEAE Basin wildrye

Donated by: Jones, T.A., Forage and Range Research Lab., USDA-ARS, Utah State University, Logan, Utah, United States. Received June 05, 1991.

PI 552795 **donor id:** T-35. **origin:** United States. **collector id:** T-35. **other id:** W6 7185. **group:** W6. **locality:** 8km W of Lone Mt. Wild. Seed.

PI 552796 **donor id:** T-46. **origin:** United States. **collector id:** T-46. **other id:** W6 7186. **group:** W6. **locality:** N side of Eureka. Wild. Seed.

PI 552797 to 552808. *Oryzopsis hymenoides* (Roem. & Schult.) Ricker
POACEAE

Donated by: Jones, T.A., Forage and Range Research Lab., USDA-ARS,
Utah State University, Logan, Utah, United States. Received June
05, 1991.

- PI 552797 **donor id:** T-433. **origin:** United States. **collector id:**
T-433. **other id:** W6 7187. **group:** W6. **locality:** 14.5km
N of Grasmere. Wild. Seed.
- PI 552798 **donor id:** T-434. **origin:** United States. **collector id:**
T-434. **other id:** W6 7188. **group:** W6. **locality:** 1.6km
SE of Halleck. Wild. Seed.
- PI 552799 **donor id:** T-441. **origin:** United States. **collector id:**
T-441. **other id:** W6 7189. **group:** W6. **locality:** 8km N
of Winnemucca. Wild. Seed.
- PI 552800 **donor id:** T-468. **origin:** United States. **collector id:**
T-468. **other id:** W6 7190. **group:** W6. **locality:** 14.5km
E of Buena Vista. Wild. Seed.
- PI 552801 **donor id:** T-513. **origin:** United States. **collector id:**
T-513. **other id:** W6 7191. **group:** W6. **locality:** 17.7km
E of Castle Dale. Wild. Seed.
- PI 552802 **donor id:** T-544. **origin:** United States. **collector id:**
T-544. **other id:** W6 7192. **group:** W6. **locality:** 8km W
of Soldier Summit. Wild. Seed.
- PI 552803 **donor id:** T-545. **origin:** United States. **collector id:**
T-545. **other id:** W6 7193. **group:** W6. **locality:** 9.7km E
of Castle Dale. Wild. Seed.
- PI 552804 **donor id:** T-546. **origin:** United States. **collector id:**
T-546. **other id:** W6 7194. **group:** W6. **locality:** 29km E
of Castle Dale. Wild. Seed.
- PI 552805 **donor id:** T-550. **origin:** United States. **collector id:**
T-550. **other id:** W6 7195. **group:** W6. **locality:** 53.1km
S of Green River. Wild. Seed.
- PI 552806 **donor id:** T-551. **origin:** United States. **collector id:**
T-551. **other id:** W6 7196. **group:** W6. **locality:** 82.1km
SW of Green River. Wild. Seed.
- PI 552807 **donor id:** T-552. **origin:** United States. **collector id:**
T-552. **other id:** W6 7197. **group:** W6. **locality:** 24.1km
N of Hanksville. Wild. Seed.
- PI 552808 **donor id:** T-553. **origin:** United States. **collector id:**
T-553. **other id:** W6 7198. **group:** W6. **locality:** 3.2km N
of Teasdale. Wild. Seed.

PI 552809. *Festuca arundinacea* Schreber POACEAE Tall fescue

Donated by: Pickseed West, Inc., United States. Received July 15, 1991.

origin: United States. **origin institute:** Pickseed West, Inc.. **cultivar:** LEPRECHAUN. **other id:** PVP 9100193. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 552810. *Brassica napus* L. BRASSICACEAE Rape

Donated by: Cargill, Inc., United States. Received July 15, 1991.

origin: United States. **origin institute:** Cargill, Inc.. **cultivar:** MLCPO09. **other id:** PVP 9100194. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 552811. *Phaseolus vulgaris* L. FABACEAE Field bean

Donated by: Nebraska Agr. Exp. Sta., University of Nebraska, Nebraska, United States. Received July 15, 1991.

origin: United States. **historical origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Nebraska. **cultivar:** STARLIGHT. **other id:** PVP 9100196. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 552812. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Agri Pro Biosciences, Inc., United States. Received July 15, 1991.

origin: United States. **origin institute:** Agri Pro Biosciences, Inc.. **cultivar:** DALEN. **pedigree:** HS80-401/PR2360. **other id:** PVP 9100197. **source:** Pending. **group:** PVPO. **remarks:** Dalen is a high yielding, intermediate height semidwarf with excellent test weight patterns. It has early maturity and strong straw. Dalen is adapted to the entire northern spring wheat region. This includes the states of North Dakota, South Dakota, and Minnesota. Dalen has satisfactory milling and baking properties with medium- high protein levels. It also has very good protection to. Cultivar. Seed.

PI 552813. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Agri Pro Biosciences, Inc., United States. Received July 15, 1991.

PI 552813-continued

origin: United States. **origin institute:** Agri Pro Biosciences, Inc.. **cultivar:** LONGHORN. **pedigree:** NS2630-1/Thunderbird. **other id:** PVP 9100198. **source:** Pending. **group:** PVPO. **remarks:** Longhorn is a high yielding, medium height semidwarf with long coleoptile, midseason maturity, strong straw and fair winterhardiness. It is broadly adapted to a large portion of the hard red winter wheat region. It appears to be best adapted to the HRWW growing regions of Kansas, southern Nebraska, Oklahoma, and Texas. Longhorn provides good resistance to the current predominant field races of. Cultivar. Seed.

PI 552814. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Agri Pro Biosciences, Inc., United States. Received July 15, 1991.

origin: United States. **origin institute:** Agri Pro Biosciences, Inc.. **cultivar:** TOMAHAWK. **pedigree:** selection from bulk population of crosses of adapted parents. **other id:** PVP 9100199. **source:** Pending. **group:** PVPO. **remarks:** Tomahawk is an intermediate height semidwarf that is high yielding, strong strawed with midseason maturity and fair winterhardiness. Milling and baking properties are acceptable. It is well adapted to the central Great Plains, including southern Nebraska, northern Texas and Oklahoma, eastern Colorado and the entire state of Kansas. Tomahawk performs well for both irrigated and dryland areas of. Cultivar. Seed.

PI 552815. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Holden's Foundation Seeds, United States. Received July 15, 1991.

origin: United States. **origin institute:** Holden's Foundation Seeds. **cultivar:** LH215. **other id:** PVP 9100201. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 552816. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Kolb, F.L., Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois, United States. **remarks:** Howell Wheat. Received July 15, 1991.

PI 552816-continued

origin: United States. **origin institute:** Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois 61801. **cultivar:** HOWELL. **pedigree:** McNair 48-23/IL 70-2225//CI 13855/3/Arthur/Blueboy//TN 1571. **other id:** PVP 9100202. **source:** Pending. **group:** PVPO. **other id:** CV-776. **group:** CSR-WHEAT. **remarks:** Awned, white-chaffed soft red winter wheat. Yield high. Excellent winter hardiness. Test weight very high under conditions in Illinois. Stands well. Moderately resistant to soil borne wheat mosaic virus, barley yellow dwarf virus, and stem rust. Moderately susceptible to leaf rust and powdery mildew. Susceptible to biotypes B and D of Hessian fly. Has not been evaluated against other biotypes of. Winter Annual. Cultivar. Seed.

PI 552817. *Allium campanulatum* S. Watson LILIACEAE Onion

Donated by: Shamrock Seed Company, United States. Received July 15, 1991.

origin: United States. **origin institute:** Shamrock Seed Company. **cultivar:** SS 9928. **other id:** PVP 9100203. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 552818. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Agricultural Research Service -- USDA, Insect Biology & Population Mgmt. Res., P. O. Box 748, Tifton, Georgia, United States; and Georgia Agr. Exp. Sta.. **remarks:** Received through R.R. Duncan, University of Georgia, Griffin, Georgia. Received June 14, 1991.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Tifton, Georgia 31794. **cultivar:** SGIRL-MR-1. **pedigree:** Selection from ODC-19. **other id:** GP-19. **source:** Crop Sci. 13(3):398 1973. **group:** CSR-SORGHUM. **remarks:** Developed as source of resistance to sorghum midge. Approx. 95cm in height just before head is exerted. Flowering 50% in 62 days. Pericarp color tan and undercoat is present. Restorer (R) line. Breeding Material. Seed.

PI 552819 to 552847. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Nebraska Agr. Exp. Sta., Lincoln, Nebraska, United States; and Agricultural Research Service -- USDA. **remarks:** Received through R.R. Duncan, University of Georgia, Griffin, Georgia. Received June 14, 1991.

- PI 552819 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N1. **pedigree:** ms3Tx412/KS30. **other id:** GP-35. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color orange. Seed size 1.90g per 100 seed. Bacterial leaf strip disease severe. Panicle type open. Breeding Material. Seed.
- PI 552820 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N2. **pedigree:** ms3Tx412/KS30. **other id:** GP-36. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color orange. Seed size 1.95g per 100 seed. Bacterial leaf strip disease severe. Panicle type open. Breeding Material. Seed.
- PI 552821 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N3. **pedigree:** ms3Tx412/KS30. **other id:** GP-37. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color white. Seed size 2.15g per 100 seed. Bacterial leaf strip disease severe. Panicle type open. Breeding Material. Seed.
- PI 552822 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N4. **pedigree:** ms3Plainsman/KS30. **other id:** GP-38. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity very early. Seed color orange. Seed size 1.75g per 100 seed. Bacterial leaf strip disease severe. Panicle type open. Breeding Material. Seed.
- PI 552823 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N5. **pedigree:** ms3Plainsman/KS30. **other id:** GP-39. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium. Seed color white. Seed size 1.55g per 100 seed. Bacterial leaf strip disease severe. Panicle type medium. Breeding Material. Seed.

PI 552819 to 552847-continued

- PI 552824 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N6. **pedigree:** OP ms3/KS30. **other id:** GP-40. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color orange. Seed size 1.20g per seed. Bacterial leaf strip disease severe. Panicle type open. Breeding Material. Seed.
- PI 552825 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N7. **pedigree:** OP ms3/KS30. **other id:** GP-41. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium late. Seed color orange. Seed size 1.10g per 100 seed. Bacterial leaf strip disease severe. Panicle type compact. Breeding Material. Seed.
- PI 552826 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N8. **pedigree:** OP ms3/KS30. **other id:** GP-42. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity early. Seed color orange. Seed size 2.10g per 100 seed. Bacterial leaf strip disease severe. Panicle type medium. Breeding Material. Seed.
- PI 552827 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N9. **pedigree:** OP ms3/KS30. **other id:** GP-43. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity very early. Seed color white. Seed size 1.55g per 100 seed. Bacterial leaf strip disease severe. Panicle type open. Breeding Material. Seed.
- PI 552828 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N10. **pedigree:** OP ms3/KS30. **other id:** GP-44. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color orange. Seed size 2.25g per 100 seed. Bacterial leaf strip disease present. Panicle type open. Breeding Material. Seed.

PI 552819 to 552847-continued

- PI 552829 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N11. **pedigree:** OP ms3/KS30. **other id:** GP-45. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color white. Seed size 1.85g per 100 seed. Bacterial leaf strip disease present. Panicle type open. Breeding Material. Seed.
- PI 552830 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N12. **pedigree:** OP ms3/KS30. **other id:** GP-46. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color white-yellow. Seed size 2.10g per 100 seed. Bacterial leaf strip disease present. Panicle type open. Breeding Material. Seed.
- PI 552831 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N13. **pedigree:** OP ms3/KS30/5/Midland/CK60/Short Kaoliang/4/Akron 110. **other id:** GP-47. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity very early. Seed color orange. Seed size 1.60g per 100 seed. Bacterial leaf strip disease present. Panicle type open. Breeding Material. Seed.
- PI 552832 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N14. **pedigree:** OPms3/KS30/5/Midland/CK60/Short Kaoliang/4/Akron 110. **other id:** GP-48. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity early. Seed color orange. Seed size 1.70g per 100 seed. Bacterial leaf strip disease present. Panicle type medium open. Breeding Material. Seed.
- PI 552833 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N15. **pedigree:** OPms3/KS30/2/Martin/Norghum. **other id:** GP-49. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity early. Seed color orange. Seed size 1.65g per 100 seed. Bacterial leaf strip disease severe. Panicle type open. Breeding Material. Seed.

PI 552819 to 552847-continued

- PI 552834 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N16. **pedigree:** OPms3/KS30/2/Martin/Norghum. **other id:** GP-50. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity early. Seed color orange. Seed size 1.55g per 100 seed. No evaluation for bacterial leaf stripe disease. Panicle type open. Breeding Material. Seed.
- PI 552835 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N17. **pedigree:** OPms3/KS30/2/B CK60/NP716-1. **other id:** GP-51. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity very early. Seed color orange. Seed size 1.60g per 100 seed. Resistant to bacterial leaf stripe disease. Panicle type medium open. Breeding Material. Seed.
- PI 552836 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N18. **pedigree:** OPms3/KS30/2/NB3494/Tx412. **other id:** GP-52. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium. Seed color orange. Seed size 1.20g per 100 seed. No evaluation for bacterial leaf stripe disease. Panicle type open. Breeding Material. Seed.
- PI 552837 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N19. **pedigree:** OPms3/KS30/yellow endosperm/Norghum. **other id:** GP-53. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity early. Seed color orange. Seed size 1.40g per 100 seed. Resistant to bacterial leaf stripe disease. Panicle type medium. Breeding Material. Seed.
- PI 552838 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N20. **pedigree:** OPms3/KS30/2/NB3494/Tx412. **other id:** GP-54. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color orange. Seed size 1.65g per 100 seed. No evaluation for bacterial leaf stripe disease. Panicle type open. Breeding Material. Seed.

PI 552819 to 552847-continued

- PI 552839 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N21. **pedigree:** KS1/KS30. **other id:** GP-55. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium early. Seed color white. Seed size 1.35g per 100 seed. Resistant to bacterial leaf stripe disease. Panicle type open. Breeding Material. Seed.
- PI 552840 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N22. **pedigree:** OPms3/KS30/2/Sc 133-6-2. **other id:** GP-56. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium. Seed color white. Seed size 2.20g per 100 seed. Bacterial leaf stripe disease severe. Panicle type medium open. Breeding Material. Seed.
- PI 552841 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N23. **pedigree:** OPms3/KS30/2/TAM Bk 41. **other id:** GP-57. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium late. Seed color yellow. Seed size 2.00g per 100 seed. Bacterial leaf stripe disease severe. Panicle type open. Breeding Material. Seed.
- PI 552842 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N24. **pedigree:** OPms3/KS30/2/TAM Bk 41. **other id:** GP-58. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity late. Seed color yellow. Seed size 1.80g per 100 seed. Bacterial leaf stripe disease present. Panicle type open. Breeding Material. Seed.
- PI 552843 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N25. **pedigree:** OPms3/KS30/2/TAM Bk 41. **other id:** GP-59. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium. Seed color white. Seed size 1.70g per 100 seed. No evaluation for bacterial leaf stripe. Panicle type medium open. Breeding Material. Seed.

PI 552819 to 552847-continued

- PI 552844 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N26. **pedigree:** OPms3/KS30/2/TAM Bk 42. **other id:** GP-60. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium. Seed color white. Seed size 2.00g per 100 seed. No evaluation for bacterial leaf stripe. Panicle type medium. Breeding Material. Seed.
- PI 552845 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N27. **pedigree:** TAM SA6649-7-2/KS44. **other id:** GP-61. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity late. Seed color orange. Seed size 2.00g per 100 seed. Bacterial leaf stripe disease severe. Panicle type medium. Breeding Material. Seed.
- PI 552846 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N28. **pedigree:** TAM SA6649-7-2/KS44. **other id:** GP-62. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity medium late. Seed color white-brown. Seed size 2.00g per 100 seed. No evaluation for bacterial leaf stripe disease. Panicle type medium compact. Breeding Material. Seed.
- PI 552847 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** N29. **pedigree:** TAM SA6649-7-2/KS44. **other id:** GP-63. **source:** Crop Sci. 19(3):420 1979. **group:** CSR-SORGHUM. **remarks:** Resistance to greenbug (*Schizaphis graminum*). Maturity late. Seed color white. Seed size 1.80g per 100 seed. No evaluation for bacterial leaf stripe disease. Panicle type medium compact. Breeding Material. Seed.

PI 552848 to 552855. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Nebraska Agr. Exp. Sta., Lincoln, Nebraska, United States; and Agricultural Research Service -- USDA. **remarks:** Received through R.R. Duncan, University of Georgia, Griffin, Georgia. Received June 14, 1991.

PI 552848 to 552855-continued

- PI 552848 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** DA3494. **pedigree:** Day/Atlas. **other id:** PL-41. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity very early. Glume cream-colored. Awned. Seed color red. Grain type short, small seeded. Combining ability fair. Produces moderately early hybrids. Breeding Material. Seed.
- PI 552849 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** HA4692. **pedigree:** Highland/Atlas. **other id:** PL-42. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity medium. Glume cream-colored. Awnless. Seed color white. Dwarf forage, tall combine-height. Sweet stalked sorgo. Combining ability good for both forage and grain production. Breeding Material. Seed.
- PI 552850 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** PM4917. **pedigree:** Plainsman/Midland. **other id:** PL-43. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity medium. Glume cream-colored. Awned. Seed color red. Grain type short stature. Lodging resistance. Combining ability fair. Weather resistant grain. Breeding Material. Seed.
- PI 552851 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** 7035S. **pedigree:** Wisconsin 106 sudangrass/Sweet 372 sudangrass. **other id:** PL-44. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity medium early. Glume cream-colored. Awned. Seed color red. Sudangrass, low HCN level. Produces sorghum/sudangrass hybrids with grain sorghum female lines. Relatively low HCN level. Breeding Material. Seed.
- PI 552852 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** WBH-DAY4610. **pedigree:** Western Blackhull/Day. **other id:** PL-45. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity medium late. Glume color black. Awnless. Seed color red. Grain type medium tall hybrids. Combining ability fair. Heavy test weight in hybrids. Weather resistant grain. Breeding Material. Seed.

PI 552848 to 552855-continued

PI 552853 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** NB6250. **pedigree:** Early Hegari/Club. **other id:** PL-46. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity medium. Glume color black. Awnless. Seed color white. Grain type. Combining ability good. Lodging resistance good. Hybrids lack early seedling vigor. Breeding Material. Seed.

PI 552854 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** NB6229. **pedigree:** Early Hegari/Club. **other id:** PL-47. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity medium. Glume color black. Awnless. Seed color white. Forage type, complementary genes for tall plant height and late maturity if crossed with lines carrying Ma2 ma3 Ma4 and dw1 Dw2 dw3 dw4. Breeding Material. Seed.

PI 552855 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska 68583. **cultivar:** NB9040. **pedigree:** Texas Yellow/2/Korgi/CK60. **other id:** PL-48. **source:** Crop Sci. 17(1):191 1977. **group:** CSR-SORGHUM. **remarks:** Maturity late. Glume cream-colored. Awnless. Seed color yellow. Grain type. Combining ability excellent. Endosperm yellow with colorless pericarp. Breeding Material. Seed.

PI 552856 to 552862. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas, United States. **remarks:** Received through R.R. Duncan, University of Georgia, Griffin, Georgia. Received June 14, 1991.

PI 552856 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843. **cultivar:** A/BTx626. **pedigree:** (BTx478/SC110-6)-2-3-4-2-3-7-2-2-1-x-x-x. **other id:** PL-155. **source:** Crop Sci. 26(1):216 1986. **group:** CSR-SORGHUM. Breeding Material. Seed.

PI 552857 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843. **cultivar:** A/BTx627. **pedigree:** (BTx378/SC110-6)-2-3-4-2-3-7-3-2-1-x-x-x. **other id:** PL-156. **source:** Crop Sci. 26(1):216 1986. **group:** CSR-SORGHUM. Breeding Material. Seed.

PI 552856 to 552862-continued

- PI 552858 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843. **cultivar:** A/BTx628. **pedigree:** (BTx621/2/BTx378/BTx617/3/BTx3197/SC170-6)-6-10-4-2-3-2-x-x. **other id:** PL-157. **source:** Crop Sci. 26(1):216 1986. **group:** CSR-SORGHUM. Breeding Material. Seed.
- PI 552859 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843. **cultivar:** A/BTx629. **pedigree:** (BTx3197/SC170-6)-7-2-1-3-1-1-1-3-x-x. **other id:** PL-158. **source:** Crop Sci. 26(1):216 1986. **group:** CSR-SORGHUM. Breeding Material. Seed.
- PI 552860 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843. **cultivar:** A/BTx630. **pedigree:** (BTx3197/SC170-6)-7-3-1-3-1-2)/2/BTx615-1-2-3-3-5-bk-1-x. **other id:** PL-159. **source:** Crop Sci. 26(1):216 1986. **group:** CSR-SORGHUM. Breeding Material. Seed.
- PI 552861 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843. **cultivar:** A/BTx631. **pedigree:** (BTx378/SC110-9/2/BTx615)-4-3-5-2-1-2-x-x. **other id:** PL-160. **source:** Crop Sci. 26(1):216 1986. **group:** CSR-SORGHUM. Breeding Material. Seed.
- PI 552862 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843. **cultivar:** A/BTx632. **pedigree:** (SC120-6/RTx7000)-1-2-2-1-x-x-x-x. **other id:** PL-161. **source:** Crop Sci. 26(1):216 1986. **group:** CSR-SORGHUM. Breeding Material. Seed.

PI 552863 to 552866. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Johannessen, C. L., Department of Geography, University of Oregon, Eugene, Oregon, United States. Received January 02, 1991.

- PI 552863 **donor id:** 1990-1. **origin:** India. **collected:** November 25, 1990. **collector id:** 1990-1. **other id:** BE 3252. **locality:** Farmer's home, flat area, clayey granite parental soil, near Harnahali and Hassan, Karnataka, Deccan Plateau. **elevation:** 600m. **remarks:** Three small ears, remnant of previous years crop. Dent type, rowed. Annual. Cultivated. Seed.

PI 552863 to 552866-continued

PI 552864 donor id: 1990-2. origin: India. collected: November 25, 1990. collector id: 1990-2. other id: BE 3252. locality: Flat area just outside Hassan, Karnataka, Deccan Plateau. elevation: 600m. remarks: Farmers grow for seed sales. Ears uniform, apparently a modern variety. Flint type, rowed. Annual. Cultivated. Seed.

PI 552865 donor id: 1990-3. origin: India. collected: November 25, 1990. collector id: 1990-3. other id: BE 3252. locality: Flat land, old irrigated paddy, soil from granite parental material, Badami, Karnataka, Deccan Plateau. elevation: 600m. remarks: Farmer shelling by machine from large stock. Ears small. Flint type, rowed. Seeds yellow, few white. Annual. Cultivated. Seed.

PI 552866 donor id: 1990-5. origin: India. collected: November 25, 1990. collector id: 1990-5. other id: BE 3252. locality: Large, just harvested field, Arsikere, Karnataka, Deccan Plateau. elevation: 600m. remarks: Two ears, rowed. Flint type. Annual. Cultivated. Seed.

PI 552867. *Prunus armeniaca* L. ROSACEAE Apricot

Donated by: Institut za Vocarstvo/, Fruit Research Institute, Cacak, Yugoslavia. Received March 11, 1976.

origin: Yugoslavia. cultivar: V/19. other id: Q 20371.
other id: A 65674. remarks: Also logged as "I-19".
Perennial. Clone. Budwd.

PI 552868. *Prunus armeniaca* L. ROSACEAE Apricot

Received .

origin: UNCERTAIN. cultivar: MARI DE MARCULESTI. other
id: Q 20818. other id: A 66965. Perennial. Clone.
Budwd.

PI 552869 to 552871. *Prunus armeniaca* L. ROSACEAE

Donated by: Scorza, Ralph, Appalachian Fruit Research Station, Route 2 Box 45, USDA-ARS, Kearneysville, West Virginia, United States. Received August 07, 1981.

PI 552869 origin: UNCERTAIN. cultivar: CLONE #1. other id: Q 22593. other id: C 07555. Perennial. Clone. Budwd.

PI 552869 to 552871-continued

PI 552870 **origin:** UNCERTAIN. **cultivar:** C 83. **other id:** Q 22595.
other id: A 07555. Perennial. Clone. Budwd.

PI 552871 **origin:** UNCERTAIN. **cultivar:** IVOWNE LIVERAM. **other id:**
Q 22601. **other id:** C 07555. Perennial. Clone. Budwd.

PI 552872. *Prunus armeniaca* L. ROSACEAE

Donated by: Dept.of Scientific & Industrial Research, Plant Diseases
Division, Private Bag, Auckland, New Zealand. Received August 03,
1983.

origin: New Zealand. **cultivar:** TREVATT. **other id:** Q
23862. **other id:** C 12146. Perennial. Clone. Budwd.

PI 552873 to 552875. *Prunus armeniaca* L. ROSACEAE

Donated by: Ministere de L'Agriculture, I.N.R.A., Domaine St. Paul,
Montfavet, France. Received February 10, 1984.

PI 552873 **origin:** France. **cultivar:** ROUGE DU ROUSSILLON. **other**
id: Q 24337. **other id:** C 13309. **remarks:** Cultivar
translated means "Roussillon Red" '.
Perennial. Clone. Budwd.

PI 552874 **origin:** France. **cultivar:** TARDIFELE BORDANEIL I. **other**
id: Q 24338. **other id:** C 13309. **remarks:** Cultivar
transl. may mean "Bordaneil Late I" '.
Perennial. Clone. Budwd.

PI 552875 **origin:** France. **cultivar:** TARDIFELE BORDANEIL II. **other**
id: Q 24339. **other id:** C 13309. **remarks:** Cultivar
transl. may mean "Bordaneil Late II" '.
Perennial. Clone. Budwd.

PI 552876 to 552880. *Prunus armeniaca* L. ROSACEAE

Donated by: Cain, David, Clemson University, Department of
Horticulture, Clemson, South Carolina, United States. Received
August 09, 1984.

PI 552876 **origin:** UNCERTAIN. **cultivar:** SIRENA. **other id:** Q 24835.
other id: C 14555. Perennial. Clone. Budwd.

PI 552877 **origin:** UNCERTAIN. **cultivar:** SATURN. **other id:** Q 24837.
other id: C 14555. Perennial. Clone. Budwd.

PI 552878 **origin:** UNCERTAIN. **cultivar:** MARCULESTI 69/5. **other id:**
Q 24839. **other id:** C 14555. Perennial. Clone. Budwd.

PI 552876 to 552880-continued

PI 552879 **origin:** UNCERTAIN. **cultivar:** B29/4. **other id:** Q 24843.
other id: C 14555. Perennial. Clone. Budwd.

PI 552880 **origin:** UNCERTAIN. **cultivar:** CAIS DE OLANDA. **other id:**
Q 24850. **other id:** C 14555. Perennial. Clone. Budwd.

PI 552881. *Prunus armeniaca* L. ROSACEAE

Donated by: Lamb, Robert, NYS Agric. Experimental Station,
Department of Pomology & Viticulture, Geneva, New York, United
States. Received December 14, 1984.

origin: UNCERTAIN. **cultivar:** l-136. **other id:** Q 25305.
other id: C 15169. **other id:** BE9676. Perennial. Clone.
Budwd.

PI 552882. *Prunus armeniaca* L. ROSACEAE

Donated by: Scorza, Ralph, Appalachian Fruit Research Station, Route
2 Box 45, USDA-ARS, Kearneysville, West Virginia, United States.
Received July 11, 1985.

origin: UNCERTAIN. **cultivar:** ABATA X PRECOCE D'AMOLA
(7640029). **pedigree:** ABATA X PRECOCE D'AMOLA. **other**
id: Q 25629. **other id:** C 16438. **other id:** BE0081.
Perennial. Clone. Budwd.

PI 552883 to 552885. *Prunus avium* (L.) L. ROSACEAE

Donated by: Scorza, Ralph, Appalachian Fruit Research Station, Route
2 Box 45, USDA-ARS, Kearneysville, West Virginia, United States.
Received August 07, 1981.

PI 552883 **origin:** UNCERTAIN. **cultivar:** MUNCHEBERGI KORAI. **other**
id: Q 22567. **other id:** C 07555. Perennial. Clone.
Budwd.

PI 552884 **origin:** UNCERTAIN. **cultivar:** KNAUS. **other id:** Q 22573.
other id: C 07555. **remarks:** mis-label. aft. receipt as
Sumadinka. Perennial. Clone. Budwd.

PI 552885 **origin:** UNCERTAIN. **cultivar:** BB 4. **other id:** Q 22580.
other id: C 07555. Perennial. Clone. Budwd.

PI 552886. *Prunus avium* (L.) L. ROSACEAE

Donated by: Instit. Sperim. per la Frutticoltura, 38057 Vigalzano
Pergine, Trento, Italy. Received September 03, 1981.

PI 552886-continued

origin: Italy. cultivar: FLAMENGO. other id: Q 22654.
other id: C 07720. Perennial. Clone. Budwd.

PI 552887 to 552888. Prunus avium (L.) L. ROSACEAE

Donated by: Institut. de Cercetari Pentru Pomicultura, Trustul Pomiculturii, Pitesti-Maracineni, Romania. Received February 15, 1984.

PI 552887 origin: Romania. cultivar: NEGRE DE BISTRITA. other id: Q 24341. other id: C 13345. Perennial. Clone. Budwd.

PI 552888 origin: Romania. cultivar: BOAMBE DE COTNARI. other id: Q 24343. other id: C 13345. Perennial. Clone. Budwd.

PI 552889. Prunus cerasus L. ROSACEAE

Donated by: Dept of Scientific & Industrial Research, Div. of Hort. & Processing, Private Bag, Auckland, New Zealand. Received July 25, 1983.

origin: New Zealand. cultivar: HEIMANNS
KONSERVENWEICHSEL. other id: Q 23844. other id: C
12097. Perennial. Clone. Budwd.

PI 552890. Prunus cerasus L. ROSACEAE

Donated by: Research Institute of Pomology, Pomologiczna 18, Skierniewice, Poland. Received February 07, 1984.

origin: Poland. cultivar: ESPERA. other id: Q 24291.
other id: C 13277. remarks: Cultivar translated means
'"Expectation"'. Perennial. Clone.
Budwd.

PI 552891. Prunus cerasus L. ROSACEAE

Donated by: Iezzoni, Amy F., Michigan State University, Department of Horticulture, East Lansing, Michigan, United States. Received March 09, 1984.

origin: UNCERTAIN. cultivar: EARLY LUDWIG. other id: Q
24408. remarks: Re-order of Q24292. Perennial. Clone.
Budwd.

PI 552892. *Prunus cerasus* L. ROSACEAE

Donated by: Institut za Vocarstvo/, Fruit Research Institute, Cacak, Yugoslavia. Received March 13, 1984.

origin: Yugoslavia. cultivar: OBLACINKA. other id: Q 24416. other id: C 13573. remarks: Re-order of Q23997. Perennial. Clone. Budwd.

PI 552893 to 552897. *Prunus cerasus* L. ROSACEAE

Donated by: Iezzoni, Amy F., Michigan State University, Department of Horticulture, East Lansing, Michigan, United States. Received July 12, 1985.

PI 552893 origin: UNCERTAIN. cultivar: VISIN CLONE 18/21. other id: Q 25695. other id: C 16441. other id: BE0083. Perennial. Clone. Budwd.

PI 552894 origin: UNCERTAIN. cultivar: VISIN CLONE 60/29. other id: Q 25696. other id: C 16441. other id: BE0083. Perennial. Clone. Budwd.

PI 552895 origin: UNCERTAIN. cultivar: VISIN CLONE 12/105. other id: Q 25698. other id: C 16441. other id: BE0083. Perennial. Clone. Budwd.

PI 552896 origin: UNCERTAIN. cultivar: LIUBSKAIA CLONE 17/39. other id: Q 25699. other id: C 16441. other id: BE0083. remarks: Cultivar previously received as Q24866. Perennial. Clone. Budwd.

PI 552897 origin: UNCERTAIN. cultivar: VISIN LOCAL 38/13. other id: Q 25700. other id: C 16441. other id: BE0083. Perennial. Clone. Budwd.

PI 552898 to 552900. *Prunus cerasus* L. ROSACEAE

Donated by: Istvan, Gergely, Enterprise for Extension in Fruit-, Growing and Ornamentals, H-1775, Budapest, Hungary. Received October 04, 1985.

PI 552898 origin: Hungary. cultivar: M-63. other id: Q 25791. other id: C 16830. other id: BE0243. Perennial. Clone. Budwd.

PI 552899 origin: Hungary. cultivar: M-172. other id: Q 25792. other id: C 16830. other id: BE0243. Perennial. Clone. Budwd.

PI 552898 to 552900-continued

PI 552900 **origin:** Hungary. **cultivar:** KORAI PIPACS MEGGY. **other id:** Q 25793. **other id:** C 16830. **other id:** BE0243.
Perennial. Clone. Budwd.

PI 552901. *Prunus mume* Siebold & Zucc. ROSACEAE Japanese apricot

Donated by: Yat-Sen, Sun, Hortus Botanicus Nanjingensis, Nanjing, Jiangsu, China. Received December 21, 1981.

origin: China. **cultivar:** SEMI-DOUBLE VERSICOLOR. **other id:** Q 22765. Perennial. Clone. Budwd.

PI 552902. *Prunus persica* var. *nucipersica* (Suckow) C. Schneider
ROSACEAE

Donated by: Scorza, Ralph, Appalachian Fruit Research Station, Route 2 Box 45, USDA-ARS, Kearneysville, West Virginia, United States. Received August 07, 1981.

origin: UNCERTAIN. **cultivar:** 7130785. **other id:** Q 22622. **other id:** C 07555. Perennial. Clone. Budwd.

PI 552903 to 552906. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Instit. Sperim. per la Frutticoltura, 00040 Ciampino Aeroporto, N. 52 Via di Fioranello, Rome, Italy. Received July 26, 1983.

PI 552903 **origin:** Italy. **cultivar:** 6910019. **other id:** Q 23845. **other id:** C 12107. Perennial. Clone. Budwd.

PI 552904 **origin:** Italy. **cultivar:** 6910167. **other id:** Q 23846. **other id:** C 12107. Perennial. Clone. Budwd.

PI 552905 **origin:** Italy. **cultivar:** 7010200. **other id:** Q 23847. **other id:** C 12107. Perennial. Clone. Budwd.

PI 552906 **origin:** Italy. **cultivar:** 6910207. **other id:** Q 23855. **other id:** C 12107. Perennial. Clone. Budwd.

PI 552907. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Pepinieres Moreau, BP. 50, Villefranche, Cedex, France. Received August 22, 1983.

PI 552907-continued

origin: France. **cultivar:** TETON DE VENUS. **other id:** Q 23880. **other id:** C 12263. **remarks:** Cultivar translated means "Breast of Venus" '. Perennial. Clone. Budwd.

PI 552908. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Instit. Sperim. per la Frutticoltura, 00040 Ciampino Aeroporto, N. 52 Via di Fioranello, Rome, Italy. Received .

origin: Italy. **cultivar:** 7310828. **other id:** Q 24320. **other id:** C 13295. Perennial. Clone. Budwd.

PI 552909. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Instit. Sperim. per la Frutticoltura, 00040 Ciampino Aeroporto, N. 52 Via di Fioranello, Rome, Italy. Received February 21, 1984.

origin: Italy. **cultivar:** AURELIA. **other id:** Q 24365. **other id:** C 13373. Perennial. Clone. Budwd.

PI 552910 to 552917. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: CENARGEN/ S.A.I.N./ EMBRAPA, Parque Rural, Caixa Postal 10.2372 Cep-70.700, Brasilia, Brazil. Received March 20, 1984.

PI 552910 **origin:** Brazil. **cultivar:** BOLINHA. **other id:** Q 24454. **other id:** C 13646. Perennial. Clone. Budwd.

PI 552911 **origin:** Brazil. **cultivar:** CERRITO. **other id:** Q 24455. **other id:** C 13646. Perennial. Clone. Budwd.

PI 552912 **origin:** Brazil. **cultivar:** CHIRIPA. **other id:** Q 24457. **other id:** C 13646. **remarks:** Cultivar translated means "Serendipity" '. Perennial. Clone. Budwd.

PI 552913 **origin:** Brazil. **cultivar:** CORAL. **other id:** Q 24458. **other id:** C 13646. Perennial. Clone. Budwd.

PI 552914 **origin:** Brazil. **cultivar:** MAGNO. **other id:** Q 24459. **other id:** C 13646. **remarks:** Cultivar translated means "Great" '. Perennial. Clone. Budwd.

PI 552915 **origin:** Brazil. **cultivar:** PREMIER. **other id:** Q 24462. **other id:** C 13646. Perennial. Clone. Budwd.

PI 552910 to 552917-continued

PI 552916 **origin:** Brazil. **cultivar:** PRECOCINHO. **other id:** Q 24463. **other id:** C 13646. Perennial. Clone. Budwd.

PI 552917 **origin:** Brazil. **cultivar:** TURQUESA. **other id:** Q 24464. **other id:** C 13646. **remarks:** Cultivar translated means "Turquoise". Perennial. Clone. Budwd.

PI 552918. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Pepinieres Moreau, BP. 50, Villefranche, Cedex, France. Received March 27, 1984.

origin: France. **cultivar:** GROSSE MIGNONNE. **other id:** Q 24510. **other id:** C 13750. Perennial. Clone. Budwd.

PI 552919. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Cain, David, Clemson University, Department of Horticulture, Clemson, South Carolina, United States. Received August 09, 1984.

origin: UNCERTAIN. **cultivar:** SPLENDID. **other id:** Q 24829. **other id:** C 14555. Perennial. Clone. Budwd.

PI 552920 to 552921. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Lamb, Robert, NYS Agric. Experimental Station, Department of Pomology & Viticulture, Geneva, New York, United States. Received December 14, 1984.

PI 552920 **origin:** UNCERTAIN. **cultivar:** 1-102. **other id:** Q 25275. **other id:** C 15169. **other id:** BE9676. Perennial. Clone. Budwd.

PI 552921 **origin:** UNCERTAIN. **cultivar:** 1-133. **other id:** Q 25288. **other id:** C 15169. **other id:** BE9676. Perennial. Clone. Budwd.

PI 552922 to 552924. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Scorza, Ralph, Appalachian Fruit Research Station, Route 2 Box 45, USDA-ARS, Kearneysville, West Virginia, United States. Received July 11, 1985.

PI 552922 **origin:** UNCERTAIN. **cultivar:** GREZZANO. **other id:** Q 25641. **other id:** C 16438. **other id:** BE0081. Perennial. Clone. Budwd.

PI 552922 to 552924-continued

PI 552923 **origin:** UNCERTAIN. **cultivar:** TEBANA. **other id:** Q 25643.
other id: C 16438. **other id:** BE0081. Perennial. Clone.
Budwd.

PI 552924 **origin:** UNCERTAIN. **cultivar:** TRIESTINA. **other id:** Q
25646. **other id:** C 16438. **other id:** BE0081. Perennial.
Clone. Budwd.

PI 552925. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Zai-long, Li, Zhejiang Agricultural University,
Department of Horticulture, Hangzhou, Zhejiang, China. Received
February 19, 1986.

origin: China. **cultivar:** BAI MANG PEN TAO. **other id:** Q
25935. **other id:** C 17464. **other id:** BE0472. Perennial.
Clone. Budwd.

PI 552926. *Prunus persica* (L.) Batsch ROSACEAE

Donated by: Aboshi, Yohachi, 1-26 Nakajima Street, Higashine,
Yamagata, Honshu, Japan. Received March 12, 1986.

origin: Japan. **cultivar:** KUSHIGATA-HAKUTO. **other id:** Q
25986. **remarks:** Material rcvd via W.R.Okie. Perennial.
Clone. Budwd.

PI 552927. *Prunus salicina* Lindley ROSACEAE

Donated by: Royal Botanical Garden, Inverleith, Edinburgh, Scotland,
United Kingdom. Received February 05, 1980.

origin: United Kingdom. **other id:** Q 21838. **other id:** C
03945. Perennial. Clone. Budwd.

PI 552928. *Prunus salicina* Lindley ROSACEAE

Donated by: Aboshi, Yahochi, 1-26 Nakajima Street, Higashine,
Yamagata, Honshu, Japan. Received March 12, 1986.

origin: Japan. **cultivar:** OUIISHI-NAKATE. **other id:** Q
25988. Perennial. Clone. Budwd.

PI 552929. Prunus sp. ROSACEAE

Donated by: Schmid, Gus, Eldg. Forschungsanstalt, Swiss Fed. Res. Stat. for Fruit Growing,, Viticulture & Horticulture, Wadenswil, Switzerland. Received March 01, 1983.

origin: Switzerland. **cultivar:** PRUNE I'AGEN P707 CLONE P2. **other id:** Q 23229. **other id:** C 11086. Perennial. Clone. Budwd.

PI 552930. Prunus sp. ROSACEAE

Donated by: University of Saskatchewan, Dept. of Horticultural Science, Saskatoon, Saskatchewan, Canada. Received August 22, 1984.

origin: Canada. **cultivar:** PERFECTION. **other id:** Q 24876. **other id:** C 14617. **other id:** BE9410. Perennial. Clone. Budwd.

PI 552931. Helianthus annuus L. ASTERACEAE Sunflower

Donated by: Seiler, G.J., Agricultural Research Service -- USDA, Northern Crop Science Lab., P.O. Box 5677, Fargo, North Dakota, United States. Received March 07, 1985.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab., P.O. Box 5677, Fargo, North Dakota 58105. **cultivar:** RHA 296. **other id:** Ames 4047. **source:** NC-7. **group:** Ames. **other id:** PL-22. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. **other id:** Ames 4104. **source:** NC-7. **group:** Ames. Breeding Material. Seed.

PI 552932 to 552945. Helianthus annuus L. ASTERACEAE Sunflower

Donated by: Miller, J.F., Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota, United States. Received February 25, 1985.

PI 552932 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota 58105. **cultivar:** HA 286. **other id:** Ames 4065. **source:** NC-7. **group:** Ames. **other id:** PL-2. **source:** Crop Sci. 14(6):912 1974.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.

PI 552932 to 552945-continued

- PI 552933 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota 58105. **cultivar:** HA 287. **other id:** Ames 4066. **source:** NC-7. **group:** Ames. **other id:** PL-3. **source:** Crop Sci. 14(6):912 1974. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552934 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 288. **other id:** Ames 4067. **source:** NC-7. **group:** Ames. **other id:** PL-4. **source:** Crop Sci. 14(6):912 1974. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552935 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 290. **other id:** Ames 4069. **source:** NC-7. **group:** Ames. **other id:** PL-10. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552936 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 291. **other id:** Ames 4070. **source:** NC-7. **group:** Ames. **other id:** PL-17. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552937 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 292. **other id:** Ames 4071. **source:** NC-7. **group:** Ames. **other id:** PL-11. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552938 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 300. **other id:** Ames 4072. **source:** NC-7. **group:** Ames. **other id:** PL-18. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552939 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 301. **other id:** Ames 4073. **source:** NC-7. **group:** Ames. **other id:** PL-19. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.

PI 552932 to 552945-continued

- PI 552940 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 302. **other id:** Ames 4074. **source:** NC-7. **group:** Ames. **other id:** PL-20. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552941 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 303. **other id:** Ames 4075. **source:** NC-7. **group:** Ames. **other id:** PL-21. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552942 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** HA 305. **pedigree:** HA 305 (Reg.N. PL12) selected from an individual BC3F2 plant of Commander*3/Mennonite RR. It is from composites of seed from three BC3F7 lines. **other id:** Ames 4077. **source:** NC-7. **group:** Ames. **other id:** PL-13. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Annual. Breeding Material. Seed.
- PI 552943 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** RHA 280. **other id:** Ames 4099. **source:** NC-7. **group:** Ames. **other id:** PL-5. **source:** Crop Sci. 14(6):912 1974.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552944 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** RHA 282. **other id:** Ames 4100. **source:** NC-7. **group:** Ames. **other id:** PL-6. **source:** Crop Sci. 14(6):912 1974.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.
- PI 552945 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota. **cultivar:** RHA 295. **other id:** Ames 4103. **source:** NC-7. **group:** Ames. **other id:** PL-16. **source:** Crop Sci. 19(3):422 1979.. **group:** CSR-SUNFLOWER. Breeding Material. Seed.

PI 552946 to 552948. *Helianthus annuus* L. ASTERACEAE Sunflower

Donated by: Zimmer, D.E., North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota, United States. **Received** February 25, 1985.

PI 552946 to 552948-continued

PI 552946 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND 761. **pedigree:** A composite of seed of individual F2 and F3 plants selected from the cross P-21 VR1*2/HA 61/2/3* 'Sputnik'. **other id:** GP-1. **source:** Crop Sci. 19(3):421 1979. **group:** CSR-SUNFLOWER. **other id:** Ames 14401. **source:** NC-7. **group:** Ames. Breeding Material. Seed.

PI 552947 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** DM-2. **pedigree:** Composite of plants originating from the open-pollinated cv. Novinka (VIR 2498; PI 430538) from the Soviet Union. **other id:** GP-21. **source:** Crop Sci. 25(4):718 1985. **group:** CSR-SUNFLOWER. **other id:** Ames 14403. **source:** NC-7. **group:** Ames. Breeding Material. Seed.

PI 552948 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** DM-3. **pedigree:** Composite of plants originating from the open pollinated cv. Progress (VIR 2699, PI 430541), from the Soviet Union. **other id:** GP-22. **source:** Crop Sci. 25(4):718 1985. **group:** CSR-SUNFLOWER. **other id:** Ames 14404. **source:** NC-7. **group:** Ames. Breeding Material. Seed.

PI 552949 to 552954. *Helianthus annuus* L. ASTERACEAE Sunflower

Donated by: Whelan, E.D.P., Agriculture Canada, Research Branch, Research Station, Morden, Manitoba, Canada. Received February 25, 1985.

PI 552949 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Branch, Research Station, Manitoba ROG 1J0. **cultivar:** CMG-1. **pedigree:** CMG-1(GP2) is an open-pollinated composite of 43 BC2 lines from two interspecific F1 hybrids from the cross *Helianthus petiolaris* Accession 1479 by the open-pollinated sunflower (*H.annuus*) cv. Saturn (3). **other id:** GP-2. **source:** Crop Sci. 20(6):832 1980. **group:** CSR-SUNFLOWER. **other id:** Ames 14438. **source:** NC-7. **group:** Ames. Breeding Material. Seed.

PI 552949 to 552954-continued

- PI 552950 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Branch, Research Station, Manitoba ROG 1J0. **cultivar:** CMG-2. **pedigree:** CMG-2(GP3) is an open-pollinated composite of 15 lines from three interspecific F1 hybrids from the three-way cross H. giganteus/wild H. annuus Accession 1357//2 Saturn. **other id:** GP-3. **source:** Crop Sci. 20(6):832 1980. **group:** CSR-SUNFLOWER. **other id:** Ames 14439. **source:** NC-7. **group:** Ames. Breeding Material. Seed.
- PI 552951 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Branch, Research Station, Manitoba ROG 1J0. **cultivar:** CMG-3. **pedigree:** GMG-3(GP4) is an open-pollinated composite of eighty lines from two interspecific F1 hybrids from the three-way cross H. maximiliani/wild H. annuus Accession 1357//2 Saturn. **other id:** GP-4. **source:** Crop Sci. 20(6):832 1980. **group:** CSR-SUNFLOWER. **other id:** Ames 14440. **source:** NC-7. **group:** Ames. Breeding Material. Seed.
- PI 552952 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Branch, Research Station, Manitoba ROG 1J0. **cultivar:** CM 400. **pedigree:** Selected from the cross S37-388RR/Peredovik. CM 400 is a composite of F4 seed which traces to one F3 plant. **other id:** PL-9. **source:** Crop Sci. 18(4):698 1978. **group:** CSR-SUNFLOWER. **other id:** Ames 14441. **source:** NC-7. **group:** Ames. Breeding Material. Seed.
- PI 552953 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Branch, Research Station, Manitoba ROG 1J0. **cultivar:** CM 497. **pedigree:** S3 lines derived from a composite which was formed by allowing interpollination among 50 inbred lines for three generations. **other id:** PL-29. **source:** Crop Sci. 22(1):166 1982. **group:** CSR-SUNFLOWER. **other id:** Ames 14442. **source:** NC-7. **group:** Ames. Breeding Material. Seed.
- PI 552954 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Branch, Research Station, Manitoba ROG 1J0. **cultivar:** CM 526. **pedigree:** S3 lines derived from a composite which was formed by allowing interpollination among 50 inbred lines for three generations. **other id:** PL-30. **source:** Crop Sci. 22(1):166 1982. **group:** CSR-SUNFLOWER. **other id:** Ames 14443. **source:** NC-7. **group:** Ames. Breeding Material. Seed.

PI 552955. *Hordeum vulgare* L. POACEAE Barley

Donated by: Sorrells, M. E., New York Agr. Exp. Sta., Cornell University, Dept. of Plant Breeding and Biometry, Ithaca, New York, United States. Received 1982.

origin: United States. **origin institute:** New York Agr. Exp. Sta., Cornell University, Ithaca, New York. **cultivar:** NY WINTER BARLEY ATRACOMP. **pedigree:** Recurrent selection in a composite of diverse winter barley germplasm for survival on atrazine treated soil. **other id:** GP-60. **source:** Crop Sci. 22(6):1268 1982. **group:** CSR-BARLEY. **remarks:** Plant morphology similar to most cultivars. May have more tillers per plant. Excellent winter hardiness. Higher yields and survivability in atrazine-treated soil than cultivars 'Hudson' and 'Schuyler'. Winter Annual. Breeding Material. Seed.

PI 552956. *Hordeum vulgare* L. POACEAE Barley

Donated by: Baenziger, P. S., Agricultural Research Service -- USDA, Maryland Agr. Exp. Sta., Beltsville, Maryland, United States. Received 1983.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Maryland Agr. Exp. Sta., Beltsville, Maryland. **cultivar:** CC XL. **pedigree:** Cross between 26 male lines with superior agronomic performance and female lines that were genetically male sterile. **other id:** GP-62. **source:** Crop Sci. 23(5):1017 1983. **group:** CSR-BARLEY. **remarks:** Composite cross containing a wide range of characters and yield genes for winter barley. Parent lines were superior in earliness, straw strength, winterhardiness, and resistant or tolerant to powdery mildew (*Erysiphe graminis*), scald (*Rhynchosporium secalis*), net blotch (*Drechslera teres*), and leaf rust (*Puccinia hordei*). Winter Annual. Breeding Material. Seed.

PI 552957 to 552961. *Hordeum vulgare* L. POACEAE Barley

Donated by: Bockelman, H. E., Montana Agr. Exp. Sta., Montana State University, Department of Plant Pathology, Bozeman, Montana, United States. Received 1984.

- PI 552957 **origin:** United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XXXVI. **pedigree:** Eight 6-rowed cultivars were crossed onto 'Manchuria' resulting in RSP-5A bulk F2 population. Thirty-six lines with resistance to *R. secalis* were crossed onto male sterile RSP-5A plants. Recurrent selection followed. **other id:** GP-34. **source:** Crop Sci. 20(5):675 1980. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley with broad-based resistance to scald (*Rhynchosporium secalis*) in a background of diverse agronomic types. Spring Annual. Breeding Material. Seed.
- PI 552958 **origin:** United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XXXVIII. **pedigree:** Thirteen 6-rowed cultivars were crossed onto 'Manchuria' resulting in RSP-5B bulk F2 population. Fifty-two lines with resistance to *P. teres* were crossed onto male sterile RSP-5B plants. Recurrent selection followed. **other id:** GP-58. **source:** Crop Sci. 21(5):0800 1981. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley with numerous sources of resistance to net blotch (*Pyrenophora teres*) in a background of diverse agronomic types. Spring Annual. Breeding Material. Seed.
- PI 552959 **origin:** United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XLI. **pedigree:** Composite cross containing 1) 'Manchuria', 2) 15 6-rowed cultivars with good agronomic characteristics and wide adaptation, and 3) 37 lines with resistance to *P. hordei*. **other id:** GP-63. **source:** Crop Sci. 23(6):1224 1983. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley with a broad range of agronomic types. Adapted to semi-arid conditions. Under irrigation or high rainfall, generally tall and weak strawed. Contains numerous sources of resistance to leaf rust (*Puccinia hordei*). Spring Annual. Breeding Material. Seed.
- PI 552960 **origin:** United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XLII. **pedigree:** Bulk of RSP-5C (50%), CC XXXVI (10%), CC XXXVIII (10%), Ramage MSFRS 499-unselected (20%), and Ramage MSFRS 499-selected (10%). **other id:** GP-64. **source:** Crop Sci. 23(6):1225 1983. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley containing a broad range of agronomic types. Performs best under moderate rainfall. Contains numerous sources of resistance to powdery mildew (*Erysiphe graminis*). Spring Annual. Breeding Material. Seed.

PI 552957 to 552961-continued

PI 552961 **origin:** United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XLIII. **pedigree:** Composite created from bulking seed of CC XXXVI selected for P. Teres resistance and CC XXXVIII selected for R. secalis resistance. Recurrent selection followed. **other id:** GP-65. **source:** Crop Sci. 23(6):1225 1983. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley that is agronomically highly variable. Best adapted to semi-arid conditions. Contains numerous sources of resistance to scald (*Rhynchosporium secalis*) and net blotch (*Pyrenophora teres*). Spring Annual. Breeding Material. Seed.

PI 552962. *Hordeum vulgare* L. POACEAE Barley

Donated by: Carroll, T. W., Montana Agr. Exp. Sta., Montana State University, Department of Plant Pathology, Bozeman, Montana, United States. Received 1985.

origin: United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XLIV. **pedigree:** Composite cross developed from CC XLIII, CC XXXIII-A, CC XXXIII-B, 'Manchuria', and 'Sutter'. **other id:** GP-77. **source:** Crop Sci. 26(2):0387 1986. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley that is agronomically very diverse. Contains four different sources of the Yd2 gene for tolerance to BYDV (barley yellow dwarf virus). Spring Annual. Breeding Material. Seed.

PI 552963. *Hordeum vulgare* L. POACEAE Barley

Donated by: Manitoba Res. Sta. -- Agriculture Canada, Brandon, Manitoba, Canada. Received 1985.

origin: Canada. **origin institute:** Manitoba Res. Sta. -- Agriculture Canada, Brandon, Manitoba. **cultivar:** HEARTLAND. **pedigree:** Klondike/BT 416. **other id:** CV-200. **source:** Crop Sci. 25(6):1124 1985. **group:** CSR-BARLEY. **other id:** BT 346. **other id:** No. 2434. **source:** Canadian Registration number. **remarks:** Six-rowed spring barley, smooth awns. Kernels covered with white aleurone. Long glume awns with short sparse hairs. Short, long-haired rachillas. Spike is mid-long, semi-erect and semi-lax. Mid-maturing with short, strong straw. Susceptible to *Ustilago nuda*. Resistant to *Pyrenophora teres* and *Puccinia graminis*. Moderately resistant to *U. nigra* and *U. hordeii*. Spring Annual. Cultivar. Seed.

PI 552964 to 552965. *Avena sativa* L. POACEAE Common oat

Donated by: Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa, United States. Received 1975.

PI 552964 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa 50011. **cultivar:** MULTILINE M73. **pedigree:** Composite of 7 isolines (CIav 9182, CIav 9183, CIav 9184, CIav 9187, CIav 9189, CIav 9190, CIav 9191) each with CIav 7555 as its recurrent parent. **other id:** CV-267. **source:** Crop Sci. 16(2):0311 1976. **group:** CSR-OAT. **remarks:** Matures midseason, medium height, predominantly medium-sized yellow seeds. Panicles are semicompact and resistant to lodging. Leaves short, upright, and dark green. Susceptible to Clintland race of loose smut and barley yellow dwarf virus. Population resistance to crown rust (*Puccinis coronata*) and carries the Pg-2 and Pg-4 genes for reaction to stem rust. Annual. Cultivar. Seed.

PI 552965 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa 50011. **cultivar:** MULTILINE E73. **pedigree:** Composite of 7 isolines (CIav 9182, CIav 9183, CIav 9184, CIav 9187, CIav 9189, CIav 9190, CIav 9191) each with CIav 7555 as its recurrent parent. **other id:** CV-269. **source:** Crop Sci. 16(2):0311 1976. **group:** CSR-OAT. **remarks:** Very early maturity, short, and produce predominantly large plump ivory-colored seed with bronze basal tip. Panicles are semicompact and good lodging resistance. Leaves short, upright and dark green. Susceptible to the barley yellow dwarf virus and to the Clintland race of loose smut. Heterogeneous to reaction to crown rust and carries the genes Pg-2 and Pg-4 for reaction to stem rust. Annual. Cultivar. Seed.

PI 552966. *Avena sativa* L. POACEAE Common oat

Donated by: Simons, M. D., Agricultural Research Service -- USDA, Iowa State University, Department of Plant Pathology, Ames, Iowa, United States. Received 1984.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Iowa State University, Department of Plant Pathology, Ames, Iowa 50011. **cultivar:** IA H676. **pedigree:** IA H382/PI 189624. **other id:** GP-30. **source:** Crop Sci. 25(4):716 1985. **group:** CSR-OAT. **remarks:** Midseason spring oat, medium in height, and produces medium-sized brownish-yellow seeds. Panicle is large and open, peduncle is short. Carries Pc-14, PC-2, and Pc-36 genes for resistance to crown rust. Annual. Genetic Material. Seed.

PI 552967 to 552968. *Avena sativa* L. POACEAE Common oat

Donated by: Agricultural Research Service -- USDA, Nat. Small Grains Germplasm Res. Fac., P.O. Box 307, Aberdeen, Idaho, United States. Received 1984.

PI 552967 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Iowa State University, Department of Plant Pathology, Ames, Iowa 50011. **cultivar:** IA H677. **pedigree:** IA X421/IA H382. **other id:** GP-31. **source:** Crop Sci. 25(4):716 1985. **group:** CSR-OAT. **remarks:** Midseason spring oat, medium in height, and produces medium-sized yellow seeds. Panicles are semicompact and leaves are short, upright and dark green. Carries genes Pc-51 and Pc-36 for resistance to crown rust. Annual. Genetic Material. Seed.

PI 552968 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Iowa State University, Department of Plant Pathology, Ames, Iowa 50011. **cultivar:** IA H681. **pedigree:** IA D539/IA D486. **other id:** GP-32. **source:** Crop Sci. 25(4):716 1985. **group:** CSR-OAT. **remarks:** Early spring oat, short, and lodging resistant. Seed is yellow, slender, and tapered. Carries genes Pc-53 and Pc-51 for resistance to crown rust. Annual. Genetic Material. Seed.

PI 552969 to 552970. *Avena sativa* L. POACEAE Common oat

Donated by: Frey, K. J., Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa, United States. Received 1985.

PI 552969 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa 50011. **cultivar:** MULTILINE E76. **pedigree:** Composite of 9 isolines (CIav 9169, CIav 9170, CIav 9172, CIav 9176, CIav 9178, CIav 9179, CIav 9180, CIav 9181, CIav 9286) each with CIav 8044 as its recurrent parent. **other id:** CV-309. **source:** Crop Sci. 25(6):1125 1985. **group:** CSR-OAT. **remarks:** Very early maturity, short, and produce predominantly large plump ivory-colored seed with bronze basal tip. Leaves short, upright and dark green. Panicles are semicompact and good lodging resistance. Susceptible to barley yellow dwarf virus and to the Clintland race of loose smut. Heterogenous reaction to crown rust and carries the genes Pg-2 and Pg-4 for reaction to stem rust. Annual. Cultivar. Seed.

PI 552969 to 552970-continued

PI 552970 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa 50011. **cultivar:** MULTILINE E77. **pedigree:** Composite of 10 isolines (CIav 9169, CIav 9170, CIav 9172, CIav 9176, CIav 9178, CIav 9181, CIav 9285, CIav 9286, CIav 9287, CIav 9290) each with CIav 8044 as its recurrent parent. **other id:** CV-310. **source:** Crop Sci. 25(6):1125 1985. **group:** CSR-OAT. **remarks:** Very early maturity, short, and produces predominantly large plump ivory-colored seed with bronze basal tip. Panicles are semicompact and good lodging resistance. Leaves short, upright and dark green. Susceptible to the barley yellow dwarf virus and to the Clintland race of loose smut. Heterogeneous to reaction to crown rust and carries the genes Pg-2 and Pg-4 for reaction to stem rust. Annual. Cultivar. Seed.

PI 552971. *Avena sativa* L. POACEAE Common oat

Donated by: McKenzie, R. I. H., Manitoba Res. Sta. -- Agriculture Canada, 195 Dafoe Rd., Winnipeg, Manitoba, Canada. Received 1986.

origin: Canada. **historical origin:** Canada. **origin institute:** Manitoba Res. Sta. -- Agriculture Canada, Winnipeg, Manitoba R3T 2M9. **cultivar:** RIEL. **pedigree:** RL3057/Otana. **other id:** CV-313. **source:** Crop Sci. 26(6):1256 1986. **group:** CSR-OAT. **other id:** W80474. **other id:** OT231. **remarks:** Adapted to Manitoba where it yielded 4% more than 'Dumont'. Height the same as 'Dumont' with slightly better straw strength. Panicle is equilateral and usually light tan kernels. Lemma has pointed tip. About 2% higher protein content than other Canadian oats. Very susceptible to barley yellow dwarf virus. Contains genes Pc-38 and Pc-39 for crown rust resistance, Pg-2 and Pg-13 for stem rust. Annual. Cultivar. Seed.

PI 552972. *Secale cereale* L. POACEAE Rye

Donated by: Bowden, D. M., Saskatchewan Res. Sta., Agriculture Canada, P.O. Box 1030, Swift Current, Saskatchewan, Canada. Received 1984.

PI 552972-continued

donor id: RT 141. **origin:** Canada. **origin institute:** Saskatchewan Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** PRIMA. **pedigree:** Sangaste//Petkus/Dakold/3/Rymin. **other id:** CV-11. **source:** Crop Sci. 26(1):198 1986. **group:** CSR-RYE. **other id:** License no. 2435. **source:** Food Production and Inspection Branch of Agriculture Canada. **remarks:** High yielding potential. Good winter hardiness and kernel and test mass. Heading and maturity 1-2 days later than 'Musketeer'. Medium resistance to lodging. Spike is awned, long and mid-lax. Chaff is white and has a nodding habit at maturity. Kernels variable in size and color. Large embryo. Susceptible to ergot (*Claviceps purpurea*) and snow mold (*Typhula* spp. and *Sclerotinia*). Spring Annual. Cultivar. Seed.

PI 552973. *Secale cereale* L. POACEAE Rye

Donated by: Barnett, R. D., University of Florida, North Florida Res. and Education Center, Rt. 3, Box 638, Quincy, Florida, United States. Received 1986.

donor id: FBLSRR. **origin:** United States. **origin institute:** Florida Agr. Exp. Sta., University of Florida, Gainesville, Florida. **cultivar:** FLORIDA 401. **pedigree:** Derived by phenotypic recurrent selection for 5 cycles using 'Florida Black' as the original base population. **other id:** CV-12. **source:** Crop Sci. 26(4):836 1986. **group:** CSR-RYE. **remarks:** Diploid, semi-spring type, with early upright growth habit. Heading date is 1-2 weeks earlier. Seed weight averages 20 mg with high percentage of light-brown seeds. Slightly taller than other adapted cultivars, but good lodging resistance. Excellent resistance to leaf rust and good combined resistance to other diseases. Grain production equal to 'Florida Black' but much higher than. Winter Annual. Cultivar. Seed.

PI 552974. X *Triticosecale* sp. POACEAE Triticale

Donated by: Sapro, V. T., Alabama A & M University, P.O. Box 183, Normal, Alabama, United States. Received 1984.

donor id: AM 4106. **origin:** United States. **origin institute:** Alabama A & M University, Normal, Alabama. **cultivar:** MORRISON. **pedigree:** Derived from CIMMYT forage nursery No. 96-6 in 1977. The full pedigree is not known. The pedigree of No. 96-6 is Tejon/IRA, X 13896-D-100Y-102B-100Y-100-17M-0Y. **other id:** CV-4. **source:** Crop Sci. 25(5):887 1985. **group:** CSR-TRITICALE. **remarks:** Hexaploid triticale. Flowers 7 days earlier than 'Council' but matures at the same time (186 days from planting). Height is 130 cm. Higher grain yield (3500 kg/ha) and test weight (64.5 kg/hL) than 'Council'. Good forage yield and vigorous upright growth habit. Kernels are semivitreous with floury endosperm. Average kernel size is 8.00 mm long and 2.5 mm wide. Spike is lax, mid-fusiform, and awned. Winter Annual. Cultivar. Seed.

PI 552975. *Triticum aestivum* L. POACEAE Common wheat

Donated by: McNair Seed Company, Laurinburg, North Carolina, United States. Received 1978.

origin: United States. **origin institute:** McNair Seed Company, Laurinburg, North Carolina. **cultivar:** MCNAIR 1003. **pedigree:** McNair2203/Blueboy. **other id:** PVP 7700084. **source:** Certificate in force. **group:** PVPO. **other id:** CV-633. **source:** Crop Sci. 20(6):828 1980. **group:** CSR-WHEAT. **remarks:** Soft red winter wheat. Mid-early maturity. Mid-tall. Stem yellow. Spike apically awnletted, mid-dense fusiform. Glumes yellow, long, wide. Shoulders wide rounded. Beaks wide, obtuse, long. Apically awnletted, awns approximately 9 mm. Kernels red, medium, soft, and ovate. Stiff straw and produces grain of large size and average test weight. Shown resistance to powdery mildew (*Erysiphe graminis*) and. Winter Annual. Cultivar. Seed.

PI 552976 to 552985. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Porter, K. B., Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas, United States. Received 1979.

PI 552976 to 552985-continued

- PI 552976 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A30. **pedigree:** TAM W-101/Centurk. **other id:** GP-122. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Wide adaptation and high yield potential. Early maturing. White chaff. High protein percentage and good test weight. Susceptible to powdery mildew and leaf rust. Winter Annual. Breeding Material. Seed.
- PI 552977 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A58-3. **pedigree:** TAM W-101/Centurk. **other id:** GP-123. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Wide adaptation with high yield potential. Late maturing. White chaff. Susceptible to powdery mildew and leaf rust. Breeding Material. Seed.
- PI 552978 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A106-5. **pedigree:** TAM W-101/Centurk. **other id:** GP-124. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Wide adaptation and high yield potential. Good yield in irrigated trials. Good test weight. Susceptible to leaf rust and powdery mildew. Breeding Material. Seed.
- PI 552979 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A407-6. **pedigree:** Palo Duro/Centurk. **other id:** GP-125. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Good yield in irrigated trials. Brown chaff. Low average test weight. Moderately resistant to soil-borne mosaic virus. Breeding Material. Seed.
- PI 552980 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A562-6. **pedigree:** Sturdy sib, TX391-56-D8/Triumph(TX62A4615-7)//Centurk. **other id:** GP-126. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Very good yield. White chaff. Weak straw strength. Low test weight. Moderately resistant to powdery mildew and soil-borne mosaic virus. Fairly good resistance to leaf rust. Breeding Material. Seed.

PI 552976 to 552985-continued

- PI 552981 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A687-5. **pedigree:** Sturdy sib, TX391-56-D8/Kaw(TX65A1503//Centurk. **other id:** GP-127. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Late white chaff wheat with high yield potential under favorable conditions. Moderately resistant to leaf rust and resistant to powdery mildew. Breeding Material. Seed.
- PI 552982 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A937. **pedigree:** Sturdy sib, TX391-56-D8/Tascosa(TX62A2642)//Centurk. **other id:** GP-128. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Good yield and quality characteristics. Breeding Material. Seed.
- PI 552983 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX71A946. **pedigree:** Sturdy sib, TX391-56-D8/Tascosa(TX62A2642)//Centurk. **other id:** GP-129. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** Good yield and quality characteristics. Breeding Material. Seed.
- PI 552984 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX73A2694. **pedigree:** Sturdy sib, TX391-56-D8/Tascosa(TX62A2782-8)//Centurk. **other id:** GP-130. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** White chaff line maturing about the same time as Centurk. Good test weight. Moderately resistant to leaf rust. Breeding Material. Seed.
- PI 552985 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Southwestern Great Plains Res. Center, Bushland, Texas. **cultivar:** TX73A2798. **pedigree:** Red River 68/Trapper. **other id:** GP-131. **source:** Crop Sci. 20(2):291 1980. **group:** CSR-WHEAT. **remarks:** White chaff wheat that is day length insensitive. Good yields. Moderately resistant to soil-borne mosaic virus. Breeding Material. Seed.

PI 552986. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Depauw, R. M., Swift Current Res. Sta., Agriculture Canada, Box 1030, Swift Current, Saskatchewan, Canada. Received 1981.

PI 552986-continued

origin: Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** NB320. **pedigree:** Tobari 66/Romany. **other id:** GP-205. **source:** Crop Sci. 22(6):1278 1982. **group:** CSR-WHEAT. **remarks:** Photoperiod insensitive semi-dwarf wheat. Medium-late maturity. Spike oblong to fusiform, mid-dense, erect and awned. Glumes long, wide, glabrous, and white. Kernels are light red, long, midwide and ovate to elliptical in shape. Moderately resistant to leaf rust and stem rust. Moderately susceptible to common root rot. Susceptible to bunt and loose smut. Spring Annual. Breeding Material. Seed.

PI 552987. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Whelan, E. D. P., Lethbridge Res. Sta., Agriculture Canada, Lethbridge, Alberta, Canada. Received 1982.

origin: Canada. **origin institute:** Lethbridge Res. Sta., Agriculture Canada, Lethbridge, Alberta. **cultivar:** LRS-1F193. **pedigree:** Developed by obtaining an induced translocation between *Agropyron elongatum* chromosome 6 (Ae6), which can substitute for group 6 homoeologues, and a wheat chromosome using the nullisomic-5B effect. **other id:** GP-206. **source:** Crop Sci. 23(1):194 1983. **group:** CSR-WHEAT. **remarks:** Resistant to *Eriophyes tulipae*, the mite vector of wheat streak mosaic virus and the wheat spot mosaic agent. Spring habit, mid-season, red kernel. Breeding Material. Seed.

PI 552988. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Thompson, R. K., University of Arizona, Mesa Exp. Sta., P.O. Box 1308, Mesa, Arizona, United States. Received 1982.

origin: United States. **origin institute:** Arizona Agr. Exp. Sta., University of Arizona, Mesa, Arizona. **cultivar:** AZ-MSFRS-82RR. **pedigree:** Developed from 6 two-generation cycles of combination-recombination and increases of approximately 1000 rust resistant cultivars from many sources. **other id:** GP-217. **source:** Crop Sci. 23(3):605 1983. **group:** CSR-WHEAT. **remarks:** Diverse maturity, plant types, seed classes, and agronomic behavior. Resistant to leaf rust (*Puccinia recondita*), stem rust (*P. graminis*), and stripe rust (*P. striiformis*). Breeding Material. Seed.

PI 552989. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Baenziger, P. S., Agricultural Research Service -- USDA, Maryland Agr. Exp. Sta., Beltsville, Maryland, United States. Received 1983.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Maryland Agr. Exp. Sta., Beltsville, Maryland. **cultivar:** MALE STERILE SOFT RED WINTER. **pedigree:** Cross between male sterile segregants having *T. tauschii* cytoplasm and soft red winter wheat cultivars. **other id:** GP-219. **source:** Crop Sci. 23(5):1022 1983. **group:** CSR-WHEAT. **remarks:** Soft red winter wheat segregating for a dominant male sterile gene (FS6). Segregates for a wide range of agronomic characteristics. Breeding Material. Seed.

PI 552990 to 552993. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Gilmore, E. C., Texas A & M University, Agr. Res. and Extension Centers, P.O. Box 1658, Vernon, Texas, United States. Received 1983.

PI 552990 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas. **cultivar:** TX71A889. **pedigree:** Sturdy sib, TX391-56-D8/Tascosa(TX62A2642)//Centurk. **other id:** GP-225. **source:** Crop Sci. 24(4):831 1984. **group:** CSR-WHEAT. **remarks:** Awned semidwarf hard red winter wheat. Good resistance to lodging. Good milling and baking characteristics. High yield potential and wide adaptation. brown chaff. Moderately resistant to leaf rust (*Puccinia recondita*). Susceptible to soil-borne mosaic virus and possible to stem rust (*P. graminis*). Winter Annual. Breeding Material. Seed.

PI 552991 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas. **cultivar:** TX79A2729. **pedigree:** TAM W-103/KS73167, Newton sib. **other id:** GP-226. **source:** Crop Sci. 24(4):831 1984. **group:** CSR-WHEAT. **remarks:** Awned, semi-dwarf hard red winter wheat. Good resistance to lodging. Good milling and baking characteristics. High yield potential and wide adaptation. White chaff. Moderately resistant to soil-born mosaic virus. Susceptible to leaf rust, powdery mildew, and stem rust. Winter Annual. Breeding Material. Seed.

PI 552990 to 552993-continued

PI 552992 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas. **cultivar:** TX73V862. **pedigree:** Sturdy sib, TX391-56-D8/Triumpg(TX65A1664)//Centurk. **other id:** GP-227. **source:** Crop Sci. 24(4):831 1984. **group:** CSR-WHEAT. **remarks:** Awned, semi-dwarf hard red winter wheat. Good resistance to lodging. Good milling and baking characteristics. High yield potential and wide adaptation. White chaff. Susceptible to stripe rust and soil-borne mosaic virus. Mixed reactions to leaf rust and stem rust. Winter Annual. Breeding Material. Seed.

PI 552993 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Texas A & M University, College Station, Texas. **cultivar:** TX78V2154. **pedigree:** Short wheat/Scout(TX69A509-2)//Blue Boy II/Fox. **other id:** GP-228. **source:** Crop Sci. 24(4):831 1984. **group:** CSR-WHEAT. **remarks:** Awned semi-dwarf hard red winter wheat. Good resistance to lodging. Good milling and baking characteristics. High yield potential and wide adaptation. White chaff. Moderately resistant to leaf rust. Susceptible to stripe rust, powdery mildew, and soil-borne mosaic virus. Winter Annual. Breeding Material. Seed.

PI 552994 to 553002. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Depauw, R. M., Swift Current Res. Sta., Agriculture Canada, Box 1030, Swift Current, Saskatchewan, Canada. Received 1983.

PI 552994 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7531-V3D. **pedigree:** Glenlea/NB313. **other id:** GP-248. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.

PI 552995 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7531-AG5A. **pedigree:** Glenlea/NB313. **other id:** GP-249. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.

PI 552994 to 553002-continued

- PI 552996 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7531-AG5B. **pedigree:** Glenlea/NB313. **other id:** GP-250. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.
- PI 552997 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7531-AP5A. **pedigree:** Glenlea/NB313. **other id:** GP-251. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.
- PI 552998 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7536J-116A2. **pedigree:** Willet/Lerma//PI 266896. **other id:** GP-252. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.
- PI 552999 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7536J-131C3. **pedigree:** Willet/Lerma//Citr 185843. **other id:** GP-253. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.
- PI 553000 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7536K-45A1. **pedigree:** Citr 185843//Manitou/Pitic 62. **other id:** GP-254. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.
- PI 553001 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7536K-51A4. **pedigree:** Willet/McMurachy//Glenlea. **other id:** GP-255. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.

PI 552994 to 553002-continued

PI 553002 **origin:** Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** 7536K-70Cl. **pedigree:** Willet/McMurachy//Manitou/Pitic. **other id:** GP-256. **source:** Crop Sci. 24(6):1222 1984. **group:** CSR-WHEAT. **remarks:** High level of resistance to common root rot (*Bipolaris sorokiniana*). Spring Annual. Breeding Material. Seed.

PI 553003. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Depauw, R. M., Swift Current Res. Sta., Agriculture Canada, Box 1030, Swift Current, Saskatchewan, Canada. Received 1984.

origin: Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** LOSPROUT. **pedigree:** Cross between 7722, a white-seeded line and RL4137, a line with very long stable seed dormancy and 3 genes for red seed coat color. **other id:** GP-267. **source:** Crop Sci. 25(3):577 1985. **group:** CSR-WHEAT. **remarks:** Straw long and medium strength. Creamy-white straw and chaff color. Spike awned. Photoperiod insensitive. Improved resistance to sprouting in intact spikes. Breeding Material. Seed.

PI 553004 to 553005. *Ipomoea aquatica* Forsskal CONVOLVULACEAE

Donated by: Lee, Shu De, Chinese Academy of Agricultural Sciences, 30 Baishigiao Rd., Beijing, China. Received July 15, 1991.

PI 553004 **origin:** China. **origin institute:** University of Beijing, Dept. of Hort. Agric., Beijing. **local name:** Swamp cabbage. **restricted:** WEED. **remarks:** Harvested 1989. Cultivated. Seed.

PI 553005 **origin:** China. **origin institute:** University of Beijing, Dept. of Hort. Agric., Beijing. **local name:** Water spinach. **restricted:** WEED. Cultivated. Seed.

PI 553006 to 553009. *Sorghum bicolor* (L.) Moench POACEAE Broomcorn

Donated by: Weibel, D.E., Dept. of Agronomy, Oklahoma State University, 368 Agric. Hall North, Stillwater, Oklahoma, United States. Received July 15, 1991.

PI 553006 **origin:** United States. **cultivar:** BLACK SPANISH. **remarks:** Tall. Cultivar. Seed.

PI 553006 to 553009-continued

PI 553007 **origin:** United States. **cultivar:** DEER. **remarks:** Dwarf.
Cultivar. Seed.

PI 553008 **origin:** United States. **cultivar:** DEX. **remarks:** Dwarf.
Cultivar. Seed.

PI 553009 **origin:** United States. **cultivar:** RENNEL'S. **remarks:**
Dwarf. Cultivar. Seed.

PI 553010. *Ipomoea amnicola* Morong CONVOLVULACEAE

Donated by: Lowe, G., Botanical Seed Collector and Grower, 3730
Dilido Rd., Suite 212, Dallas, Texas, United States. Received July
15, 1991.

origin: United States. Seed.

PI 553011. *Ipomoea lindheimeri* A. Gray CONVOLVULACEAE

Donated by: Lowe, G., Botanical Seed Collector and Grower, 3730
Dilido Rd., Suite 212, Dallas, Texas, United States. Received July
15, 1991.

origin: United States. Seed.

PI 553012. *Ipomoea tenuissima* Choisy CONVOLVULACEAE

Donated by: Austin, D., Dept. of Biology, Florida Atlantic
University, Boca Raton, Florida, United States. Received July 15,
1991.

origin: United States. **collected:** November 1983. **other
id:** 84.3. **locality:** Long Pine Key, Everglades National
Park, Dade County. Wild. Seed.

PI 553013. *Arachis* sp. FABACEAE Peanut

Donated by: Springer, T.L., USDA-ARS, South Central Family Farms
Res. Center, Rt. 3, Box 144-A, Hwy. 23 S, Booneville, Arkansas,
United States. Received July 15, 1991.

origin: Australia. **origin institute:** Primac Seed
Company. **received as:** *A. pintoi*. Cultivated. Seed.

PI 553014. *Macrotyloma axillare* (E. Meyer) Verdc. FABACEAE

Donated by: Springer, T.L., USDA-ARS, South Central Family Farms Res. Center, Rt. 3, Box 144-A, Hwy. 23 S, Booneville, Arkansas, United States. Received July 15, 1991.

origin: Australia. **origin institute:** Primac Seed Company. Cultivated. Seed.

PI 553015. *Macroptilium atropurpureum* (Mocino & Sesse ex DC.) Urban FABACEAE Siratro

Donated by: Springer, T.L., USDA-ARS, South Central Family Farms Res. Center, Rt. 3, Box 144-A, Hwy. 23 S, Booneville, Arkansas, United States. Received July 15, 1991.

origin: Australia. **origin institute:** Primac Seed Company. Cultivated. Seed.

PI 553016 to 553018. *Zoysia japonica* Steud. POACEAE Zoysia

Donated by: Liu, Chia-Tsang, University of Idaho, Ag. Coop. Extension, 1214 Joseph St., Moscow, Idaho, United States. Received July 15, 1991.

PI 553016 **donor id:** T-1. **origin:** China. **collected:** August 27, 1990. **locality:** Dong, Lingshen. Wild. Seed.

PI 553017 **donor id:** T-2. **origin:** China. **collected:** August 27, 1990. **locality:** Zhu, Youping. Wild. Seed.

PI 553018 **donor id:** T-3. **origin:** China. **collected:** August 1990. **locality:** Qujdao. Wild. Seed.

PI 553019. *Zoysia sinica* Hance POACEAE

Donated by: Liu, Chia-Tsang, University of Idaho, Ag. Coop. Extension, 1214 Joseph St., Moscow, Idaho, United States. Received July 15, 1991.

origin: China. **collected:** August 1990. **locality:** Qujdao. Wild. Seed.

PI 553020. *Zoysia macrostachya* Franchet & P.A.L. Savat. POACEAE

Donated by: Liu, Chia-Tsang, University of Idaho, Ag. Coop. Extension, 1214 Joseph St., Moscow, Idaho, United States. Received July 15, 1991.

PI 553020-continued

origin: China. **collected:** August 1990. **locality:**
Qujdao. Wild. Seed.

PI 553021 to 553033. *Musa acuminata* Colla MUSACEAE

Donated by: Sharrock, S., Wye College, United Kingdom. **remarks:**
Received through R.L. Jarret, USDA-ARS, Southern Regional P.I.
Station, Griffin, GA 30223-1797. Received July 15, 1991.

PI 553021 **donor id:** PNG 101. **origin:** Papua New Guinea. **local**
name: Kekiau. **locality:** E.N.B. Vunapalading, Block 626.
Wild. Tissue Culture.

PI 553022 **donor id:** PNG 102. **origin:** Papua New Guinea. **local**
name: Pitu. **locality:** E.N.B. Vunapalading, Block 626.
Wild. Tissue Culture.

PI 553023 **donor id:** PNG 119. **origin:** Papua New Guinea. **local**
name: Katual vunalir. **locality:** Vunalir E.N.B. Wild.
Tissue Culture.

PI 553024 **donor id:** PNG 129. **origin:** Papua New Guinea. **local**
name: Lalalur. **locality:** Rapitok No.3 E.N.B. Wild.
Tissue Culture.

PI 553025 **donor id:** PNG 160. **origin:** Papua New Guinea. **local**
name: Gonub. **locality:** Yelso Madang. Wild. Tissue
Culture.

PI 553026 **donor id:** PNG 175. **origin:** Papua New Guinea. **local**
name: Mossmun. **locality:** Malpine Madang. Wild. Tissue
Culture.

PI 553027 **donor id:** PNG 188. **origin:** Papua New Guinea. **local**
name: Meleng. **locality:** Madang Town. Wild. Tissue
Culture.

PI 553028 **donor id:** PNG 198. **origin:** Papua New Guinea. **local**
name: Kuyu. **locality:** Kassam E. Highlands. Wild.
Tissue Culture.

PI 553029 **donor id:** PNG 250. **origin:** Papua New Guinea. **local**
name: Jongo. **locality:** Sisireta, Oro Prov. Wild.
Tissue Culture.

PI 553030 **donor id:** PNG 275. **origin:** Papua New Guinea. **local**
name: Awondaeke. **locality:** Ningerum, W. Province. Wild.
Tissue Culture.

PI 553021 to 553033-continued

PI 553031 donor id: PNG 280. origin: Papua New Guinea. local name: Wikago. locality: Somongos W. Province. Wild. Tissue Culture.

PI 553032 donor id: PNG 301. origin: Papua New Guinea. local name: Papat Wung. locality: Kavieng, New Ireland. Wild. Tissue Culture.

PI 553033 donor id: PNG 358. origin: Papua New Guinea. local name: Te'engi. locality: Luwaita, E. Sepik. Wild. Tissue Culture.

PI 553034. *Musa* hybrid MUSACEAE

Donated by: Sharrock, S., Wye College, United Kingdom. remarks: Received through R.L. Jarret, USDA-ARS, Southern Regional P.I. Station, Griffin, GA 30223-1797. Received July 15, 1991.

donor id: PNG 236. origin: Papua New Guinea. local name: Umbubu. locality: Konage, Oro Province. received as: *M. acuminata*/section *Australimusa*. Wild. Tissue Culture.

PI 553035. *Musa* *schizocarpa* Simm. MUSACEAE

Donated by: Sharrock, S., Wye College, United Kingdom. remarks: Received through R.L. Jarret, USDA-ARS, Southern Regional P.I. Station, Griffin, GA 30223-1797. Received July 15, 1991.

donor id: PNG 282. origin: Papua New Guinea. locality: Epo Estate, Gulf Province. Wild. Tissue Culture.

PI 553036. *Musa* *peekelii* Lauterb. subsp. *peekelii* MUSACEAE

Donated by: Sharrock, S., Wye College, United Kingdom. remarks: Received through R.L. Jarret, USDA-ARS, Southern Regional P.I. Station, Griffin, GA 30223-1797. Received July 15, 1991.

donor id: PNG 315. origin: Papua New Guinea. locality: Rasarik, New Ireland. Wild. Tissue Culture.

PI 553037. *Musa* *maclayi* subsp. *ailuluai* Argent MUSACEAE

Donated by: Sharrock, S., Wye College, United Kingdom. remarks: Received through R.L. Jarret, USDA-ARS, Southern Regional P.I. Station, Griffin, GA 30223-1797. Received July 15, 1991.

PI 553037-continued

donor id: PNG 340. **origin:** Papua New Guinea. **locality:** Sebutuia Bay, Fergusson Island. Wild. Tissue Culture.

PI 553038. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Virginia Agr. Exp. Sta., Virginia, United States. Received 1968.

donor id: V61-20. **origin:** United States. **origin institute:** Virginia Agr. Exp. Sta., Virginia Polytech Inst. and State Univ., Blacksburg, Virginia. **cultivar:** York. **pedigree:** Selection from F5 plant from Dorman x Hood. **other id:** CV-70. **source:** Crop Sci. 8(6):776 1968. **group:** CSR-SOYBEAN. **remarks:** Plants well branched, have heavy foliage, purple flowers and gray pubescence. Seeds slightly off-round with buff hila, yellow cotyledons, and yellow seed coats, and will average more than 2500 per pound. Matures 9 days later than Hill and 2 days earlier than Dare. Growth characteristics very similar to Dare. Annual. Cultivar. Seed.

PI 553039. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Agricultural Research Service -- USDA, University of Illinois, Illinois, United States. Received 1967.

donor id: R54-171-1. **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Department of Agronomy, Fayetteville, Arkansas 72701. **cultivar:** Davis. **pedigree:** Selection plant from D49-2573 x N45-1497 D49-2573 is from Roanoke x N45-745 N45-745 is from Ogden x CNS N45-1497 is from Ralsoy x Ogden. **other id:** CV-56. **source:** Crop Sci. 6(5):502 1966. **group:** CSR-SOYBEAN. **remarks:** Group VI maturity. Adapted to poorly drained soils in the Mississippi Delta. Flowers white, gray pubescence, light tan pod walls. Seeds yellow, dull, with buff hila. Seed size, oil, and protein content similar to 'Hood'. Higher yield than 'Hood'. Resistant to phytophthora rot, bacterial pustule, wildfire, and target spot. Annual. Cultivar. Seed.

PI 553040. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Caviness, C.E., University of Arkansas, Agronomy Department, Fayetteville, Arkansas, United States. Received 1981.

donor id: R78-100-8. **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Department of Agronomy, Fayetteville, Arkansas 72701. **cultivar:** Jeff. **pedigree:** Centennial x [R72-2647(3) x (D68-18 x PI 88788)] R72-2647 from R66-1516(Lee(5) x FC 33243) x RA63-19-2 RA63-19-2 from (R54-168(2) x Peking) x Lee R54-168 from [Roanoke x N45-745(Ogden x CNS)] x. **other id:** CV-155. **source:** Crop Sci. 22(1):160 1982. **group:** CSR-SOYBEAN. **remarks:** N45-1497(Ralsoy x Ogden) D68-18 from Dyer x Bragg Group VI maturity. Flowers purple, tawny pubescence. Seeds yellow, shiny with mostly brown hila. Similar plant height to 'Centennial'. Developed for production in areas infested with races 1, 3 and 4 of soybean cyst nematode. Resistant to bacterial pustule and rootknot nematode. Field resistance to phytophthora rot. Annual. Cultivar. Seed.

PI 553041 to 553042. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Boerma, H.R., University of Georgia, 3111 Plant Sciences Bldg., Athens, Georgia, United States. Received 1983.

PI 553041 **donor id:** Ga76-119. **origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Univ. of Georgia Coastal Plain Exp. Sta., Tifton, Georgia 31794. **cultivar:** Duocrop. **pedigree:** Selection from F5 plant from Davis x Columbus. **other id:** CV-157. **source:** Crop Sci. 22(2):448 1982. **group:** CSR-SOYBEAN. **remarks:** Group VII maturity. Matures the same day as 'Bragg' when planted between June 20-July 1. Indeterminate growth habit White flowers, grey pubescence, tan pod walls. Seeds yellow with buff hila. Averages 16 g/100 seeds. When planted after June 20, higher yield and protein content than 'Hutton'. Resistant to powdery mildew, bacterial pustule, wildfire, and frog-eye leaf spot. Field resistance to phytophthora. Annual. Cultivar. Seed.

PI 553041 to 553042-continued

PI 553042 **donor id:** Ga72-663. **origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Univ. of Georgia Coastal Plain Exp. Sta., Tifton, Georgia 31794. **cultivar:** Wright. **pedigree:** Selection from F4 derived line Bragg x Lee. **other id:** CV-130. **source:** Crop Sci. 20(2):287 1980. **group:** CSR-SOYBEAN. **remarks:** Group VII maturity. Matures the same day as 'GaSoy 17'. Purple flowers, tawny pubescence, tan pod walls. Seeds yellow with black hila. Averages 14 g/100 seeds. Same height as 'GaSoy 17'. Good seed quality and excellent shatter resistance. Higher yield than 'GaSoy 17'. Resistant to bacterial pustule, wildfire, powdery mildew, frogeye leaf spot and cowpea chlorotic mottle virus. Field resistant. Annual. Cultivar. Seed.

PI 553043. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Virginia Agr. Exp. Sta., Virginia, United States.
Received 1987.

donor id: V72-580. **origin:** United States. **origin institute:** Virginia Agr. Exp. Sta., Blacksburg, Virginia. **cultivar:** Bay. **pedigree:** Selection from F6 plant from York x R62-550 (Essex x G. soja). **other id:** CV-126. **source:** Crop Sci. 19(4):564 1979. **group:** CSR-SOYBEAN. **remarks:** Group V maturity. Similar to 'Essex' in yield and seed quality and matures about 2 days later. Mature plant height is 90 cm. Flowers purple, grey pubescence, tan pod walls. Seeds yellow with grey to buff hila. Determinant growth habit. Average protein content 39% and oil content 22%. Resistant to soybean mosaic virus and bacterial pustule. Susceptible to phytophthora rot, root-knot. Annual. Cultivar.

PI 553044. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Virginia Polytech Inst. and State Univ., Virginia, United States. Received 1989.

donor id: V81-1325-25. **origin:** United States. **origin institute:** Virginia Agr. Exp. Sta., Virginia Polytech Inst. and State Univ., Blacksburg, Virginia. **cultivar:** Camp. **pedigree:** Selection from F5 plant from Vance. **other id:** PVP 8900271. **source:** Certificate in force. **group:** PVPO. Annual. Cultivar. Seed.

PI 553045 to 553047. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Boerma, H.R., Georgia Agr. Exp. Stas., University of Georgia, Athens, Georgia, United States. **remarks:** Cook Soybean. Received April 15, 1991.

PI 553045 **donor id:** G83-266. **origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Univ. of Georgia Coastal Plain Exp. Sta., Tifton, Georgia 31794. **cultivar:** Cook. **pedigree:** Selection from F5 plant from Braxton x Young. **other id:** CV-293. **group:** CSR-SOYBEAN. Annual. Cultivar. Seed.

PI 553046 **donor id:** GaT71-1088. **origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Univ. of Georgia Coastal Plain Exp. Sta., Tifton, Georgia 31794. **cultivar:** Gasoy 17. **pedigree:** Selection from F5 plant from Bragg x Hood. **other id:** CV-121. **source:** Crop Sci. 19(1):130 1979. **group:** CSR-SOYBEAN. Annual. Cultivar. Seed.

PI 553047 **donor id:** Ga78-2708. **origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Univ. of Georgia Coastal Plain Exp. Sta., Tifton, Georgia 31794. **cultivar:** Gordon. **pedigree:** Selection from F5 plant from Foresst x Pickett 71. **other id:** CV-184. **source:** Crop Sci. 25(4):711 1985. **group:** CSR-SOYBEAN. Annual. Cultivar. Seed.

PI 553048 to 553049. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Buss, Glenn R., Virginia Agr. Exp. Sta., Virginia Polytech Inst. and State Univ., Blacksburg, Virginia, United States. Received May 1991.

PI 553048 **donor id:** V81-1325. **origin:** United States. **origin institute:** Virginia Agr. Exp. Sta., Virginia Polytech Inst. and State Univ., Department of Crop and Soil Science, Blacksburg, Virginia. **cultivar:** Vance. **pedigree:** Selection from F5 plant from Essex x G. soja. Annual. Cultivar. Seed.

PI 553049 **donor id:** V69-156. **origin:** United States. **origin institute:** Virginia Agr. Exp. Sta., Virginia Polytech Inst. and State Univ., Department of Crop and Soil Science, Blacksburg, Virginia. **cultivar:** Shore. **pedigree:** Selection from F4(F8) plant from PI 80837 x Hood. **other id:** CV-107. **source:** Crop Sci. 15(1):100 1975. **group:** CSR-SOYBEAN. Annual. Cultivar. Seed.

PI 553050. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Edwards, L.H., Oklahoma Agr. Exp. Sta., Oklahoma State University, Stillwater, Oklahoma, United States. Received June 1991.

donor id: OK80-3015. **origin:** United States. **origin institute:** Oklahoma Agr. Exp. Sta., Oklahoma State University, Department of Agronomy, Stillwater, Oklahoma 74078. **cultivar:** Choska. **pedigree:** Unknown. **Annual.** Cultivar. Seed.

PI 553051. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Nickell, C.D., Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois, United States; and Agricultural Research Service -- USDA. **remarks:** Spry Soybean. Received May 1991.

donor id: L83-3804. **origin:** United States. **origin institute:** Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois 61801. **cultivar:** Spry. **pedigree:** {[(Hawkeye x Lee) x (Hawkeye x Lee)] x Harosoy-dtl] x Elf} x {[(Hill-Rps3 x Dyer) x (Clark-dtl El e2 t x Harosoy-dtl)] x Essex}. **other id:** CV-291. **group:** CSR-SOYBEAN. **remarks:** Product of 30 yrs. of recurrent selection aimed at developing a tall determinate soybean adapted to Midwest. Late group IV maturity and has unusually rapid early vegetative growth. Often taller than all other cultivars by July. Mature height approaches that of indeterminate cultivars of comparable maturity. No notable pest resistance. Average protein and oil composition. **Annual.** Cultivar. Seed.

PI 553052. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Caviness, C.E., Arkansas Agr. Exp. Sta., University of Arkansas, 115 Plant Science Building, Fayetteville, Arkansas, United States. Received June 07, 1991.

donor id: R74-511A. **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Department of Agronomy, Fayetteville, Arkansas 72701. **cultivar:** Narrow. **pedigree:** Selection from R66-873 x Mack R66-873 is from Jackson x Semmes. **other id:** CV-181. **source:** Crop Sci. 25(2):367 1985. **group:** CSR-SOYBEAN. **Annual.** Cultivar. Seed.

PI 553053. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: St. Martin, S.K., Ohio Agr. Exp. Sta., Ohio State University, Department of Agronomy, Wooster, Ohio, United States. Received April 1991.

donor id: HS84-6247. **origin:** United States. **origin institute:** Ohio Agr. Exp. Sta., Ohio State University, Department of Agronomy, Wooster, Ohio 44691-4096. **cultivar:** Dawes. **pedigree:** Zane(3) x HW79149[(A72-507(6) x A1) x (a72-507(5) [D [D [D PI 82263-2) A72-507 is from Amsoy x Wayne A1 is from Anoka x Mack. Annual. Cultivar. Seed.

PI 553054 to 553058. Zea mays L. subsp. mays POACEAE Corn

Donated by: Widrlechner, M.P., Ornamental Corn Improvement Project, Inc., Rural Route 6, Box 40, Ames, Iowa, United States. **remarks:** Inbred lines selected for decorative uses. Received April 07, 1989.

PI 553054 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC1. **pedigree:** Bulked seed from an S6 line derived from "Seedway Elite", purchased in 1979 from Seedway, Inc., Hall, New York. **other id:** Ames 10288. **source:** NC-7. **group:** Ames. **remarks:** Blue flint. Received as a bulk of five selfed ears and one full-sib ear. Annual. Cultivated. Seed.

PI 553055 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC2. **pedigree:** Bulked seed from an S6 line of a recovered maize with yellow and blue seeds from Dr. Jack Harlan, University of Illinois. Recovered maize was developed by backcrossing maize-tripsacum hybrids to maize. **other id:** Ames 10289. **source:** NC-7. **group:** Ames. **remarks:** Blue, mottled, yellow, and cream colored flint. Plants often show thin white stripes on the leaves. Received as a bulk of three selfed ears and one full-sib ear. Annual. Cultivated. Seed.

PI 553056 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC3. **pedigree:** Bulked seed from an S6 line derived from an ear of Indian corn purchased at a florist's shop in St. Paul, Minnesota in 1979. **other id:** Ames 10290. **source:** NC-7. **group:** Ames. **remarks:** Yellow flint stained red by glumes. Plants have red husks and stems, leaves with yellow stripes. Received as a bulk of four selfed ears and two full-sib ears. Annual. Cultivated. Seed.

PI 553054 to 553058-continued

PI 553057 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC4. **pedigree:** Bulked seed from an S6 line derived from PI 213756. **other id:** Ames 10291. **source:** NC-7. **group:** Ames. **remarks:** Purple-brown flour corn (some tendency to flint). Received as a bulk of three selfed ears. Annual. Cultivated. Seed.

PI 553058 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC5. **pedigree:** Bulked seed from an S6 line derived from a brown popcorn, "Ornamental Corn-Brown", sold by Herbst Seedsmen, Inc., Brewster, New York in 1979. **other id:** Ames 10292. **source:** NC-7. **group:** Ames. **remarks:** Brown to tan pearl pop. Received as a bulk of eleven selfed ears. Annual. Cultivated. Seed.

PI 553059 to 553064. Zea mays L. subsp. mays POACEAE Corn

Donated by: Widrlechner, M.P., Ornamental Corn Improvement Project, Inc., Rural Route 6, Box 40, Ames, Iowa, United States. **remarks:** Inbred lines selected for decorative uses. Received November 03, 1989.

PI 553059 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC6. **pedigree:** Bulked seed from an S7 line derived from an ear of Indian corn purchased at a florist's shop in St. Paul, Minnesota in 1979. **other id:** Ames 10830. **source:** NC-7. **group:** Ames. **remarks:** Calico on yellow flint. Leaves with gold stripes. Received as a bulk of seed from seven half-sib ears. Annual. Cultivated. Seed.

PI 553060 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC7. **pedigree:** Bulked seed from a half-sib S6 line derived from a blue popcorn, "Ornamental Corn-Indian Blue" sold by Herbst Seedsmen, Inc., Brewster, New York in 1979. **other id:** Ames 10831. **source:** NC-7. **group:** Ames. **remarks:** Blue pearl pop. Received as a bulk of seed from twelve half-sib ears. Annual. Cultivated. Seed.

PI 553059 to 553064-continued

PI 553061 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC8. **pedigree:** Bulked seed from a full-sib S6 line derived from Strawberry Pop sold by Seedway, Inc., Hall, New York in 1979. **other id:** Ames 10832. **source:** NC-7. **group:** Ames. **remarks:** Red rice pop, strawberry type. Received as a bulk of seed from six half-sib ears. Annual. Cultivated. Seed.

PI 553062 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC9. **pedigree:** Bulked seed from an S6 line derived from an open-pollinated plant of orange recovered maize from Dr. Jack Harlan, University of Illinois. Recovered maize was developed by backcrossing maize-tripsacum hybrids to maize. **other id:** Ames 10833. **source:** NC-7. **group:** Ames. **remarks:** Seeds red-orange, pointed semi-dent. Plants are grassy and tripsacoid in appearance. Received as a bulk of seed from ten half-sib ears. Annual. Cultivated. Seed.

PI 553063 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC10. **pedigree:** Bulked seed from an S6 line derived from an open-pollinated plant of "Rabbit" recovered maize from Dr. Jack Harlan, University of Illinois. Recovered maize was developed by backcrossing maize-tripsacum hybrids to maize. **other id:** Ames 10834. **source:** NC-7. **group:** Ames. **remarks:** Yellow dent. Plants with red husks and glumes. Received as a bulk of seed from nine half-sib ears. Annual. Cultivated. Seed.

PI 553064 **origin:** United States. **origin institute:** Ornamental Corn Improvement Project, Inc., Ames, Iowa 50010. **cultivar:** OC11. **pedigree:** Bulked seed from an S6 line derived from a decorative popcorn purchased at the St. Paul, Minnesota Farmer's Market in 1980. **other id:** Ames 10835. **source:** NC-7. **group:** Ames. **remarks:** Yellow pearl pop. Received as a bulk of seed from four half-sib ears. Annual. Cultivated. Seed.

PI 553065. *Lactuca sativa* L. ASTERACEAE Lettuce

Donated by: Voler, F., 1750 Meadowlark, Sherdian, Wyoming, United States. Received May 07, 1991.

origin: United States. **other id:** W6 7225. **group:** W6. **locality:** Dietz, approx. 11.3km from Sherdian. **remarks:** Leaf lettuce excellent for salads. Cultivated. Seed.

PI 553066. *Phaseolus vulgaris* L. FABACEAE Bean

Donated by: Wyoming Agr. Exp. Sta., Wyoming, United States.
Received 1963.

origin: UNKNOWN. **cultivar:** WYOMING 00093. Seed.

PI 553067. *Phaseolus vulgaris* L. FABACEAE Bean

Donated by: Washington Agr. Exp. Sta., Washington, United States.
Received 1965.

origin: UNKNOWN. **cultivar:** TENDERCROP 1831-9. **remarks:**
Similar to Thatcher, incorporates 2 extra genes for stem
rust, & a gene for adult pnalt leaf rust resistance.
Seed.

PI 553068. *Phaseolus vulgaris* L. FABACEAE Bean

Donated by: Wyoming Agr. Exp. Sta., Wyoming, United States.
Received 1963.

origin: UNKNOWN. **cultivar:** WYOMING 27687. Seed.

PI 553069. *Saccharum hybrid* POACEAE Sugarcane

Donated by: Wu, K.K., Experiment Station, Hawaiian Sugar Planters'
Association, Aiea, Hawaii, United States. **remarks:** H73-7324
Sugarcane. Received July 22, 1991.

origin: United States. **origin institute:** Experiment
Station, Hawaiian Sugar Planters' Assoc., Aiea, Hawaii
96701. **cultivar:** H73-7324. **pedigree:** Random pollination
of H57-0225 in a modified polycross made in 1972
involving many clones adapted to unirrigated Hawaiian
ecological region. Contains germplasm from *S.*
officinarum, *S. spontaneum*, *S. sinense*, possibly *S.*
robustum. **other id:** CV-86. **source:** Crop Sci. 32(1):281
1992. **group:** CSR-SUGARCANE. **remarks:** Adapted to upper
elevation, unirrigated areas on the island of Hawaii,
where cane is normally harvested at 30-36 months. High
cane tonnage and above-average sucrose content compared
to H56-4848, the major commercial clone grown in this
environment. Average tillering, pale appearance, and
above-average growth rate. Highly unlikely to flower at
upper elevations. Cane condition at harvest excellent.
Cultivar. Plant.

PI 553070. Saccharum hybrid POACEAE Sugarcane

Donated by: Wu, K.K., Experiment Station, Hawaiian Sugar Planters' Association, Aiea, Hawaii, United States. **remarks:** H74-4527 Sugarcane. Received July 22, 1991.

origin: United States. **origin institute:** Experiment Station, Hawaiian Sugar Planters' Assoc., Aiea, Hawaii 96701. **cultivar:** H74-4527. **pedigree:** Random pollination of H48-4605 in a polycross made in 1973 involving several commercial-type clones selected on the basis of resistance to culmicolous smut. Contains germplasm of *S. officinarum*, *S. spontaneum*, *S. sinense*, possibly *S. robustum*. **other id:** CV-87. **source:** Crop Sci. 32(1):281 1992. **group:** CSR-SUGARCANE. **remarks:** Normally harvested at 24 months. Equal tonnage and sucrose content as major irrigated commercial clone grown in this environment, H65-7052. Good tillering, fast growing and light-flowering in most irrigated environments. Stalk average in diameter. Ratoons at least as well as H65-7052 and is tolerant to s-triazine herbicides. Exhibits drought stress symptoms more quickly than other commercially. Cultivar. Plant.

PI 553071. Saccharum hybrid POACEAE Sugarcane

Donated by: Wu, K.K., Experiment Station, Hawaiian Sugar Planters' Association, Aiea, Hawaii, United States. **remarks:** H78-0292 Sugarcane. Received July 22, 1991.

origin: United States. **origin institute:** Experiment Station, Hawaiian Sugar Planters' Assoc., Aiea, Hawaii 96701. **cultivar:** H78-0292. **pedigree:** Random pollination of H70-0144 in a polycross made in 1977 involving a wide array of commercial-type clones. Contains germplasm of *S. officinarum*, *S. spontaneum*, *S. sinense*, possibly *S. robustum*. **other id:** CV-88. **source:** Crop Sci. 32(1):282 1992. **group:** CSR-SUGARCANE. **remarks:** Normally harvested at 24-30 months. Adapted to a wide range of unirrigated environments. Particularly competitive on the Hilo Coast of Hawaii, with cane tonnage and sucrose content superior to the current major unirrigated commercial type grown in this environment, H74-1715. Excellent germination and rapid early growth habit. Average in tillering and stalk diameter. More responsive to fertilizer inputs and. Cultivar. Plant.

PI 553072. *Saccharum officinarum* L. POACEAE Sugarcane

Donated by: Irvine, J.E., Texas Agr. Exp. Sta., Texas A&M University, Weslaco, Texas, United States; and Agricultural Research Service -- USDA. **remarks:** CP 70-324 Sugarcane. Received July 22, 1991.

origin: United States. **origin institute:** Texas Agr. Exp. Sta., Texas A&M University, Weslaco, Texas 78596.
cultivar: CP 70-324. **pedigree:** CP 61-39/CP 57-614.
other id: CV-89. **source:** Crop Sci. 32(1):280 1992.
group: CSR-SUGARCANE. **remarks:** Early maturing variety suitable for milling in Texas in October. Yields of sugar per ton and sugar per acre are superior to NCo 310 when harvested early. Semi-erect and develops canopy that shades well. Stalks are moderate height and diameter. Stalk weight averages 1.03kg. Pith and pipe are minimal. Internode is characterized by a well-developed bud-groove extending above the midpoint of the internode. Cultivar. Plant.

PI 553073. *Amaranthus caudatus* L. AMARANTHACEAE Amaranth

Donated by: Rodale Research Center, Rodale Press, Box 323, Kutztown, Pennsylvania, United States. Received 1978.

donor id: RRC 306. **origin:** United States. **historical origin:** United States. **origin institute:** Thompson & Morgan Seed Co., P. O. Box 100, Farmingdale, New Jersey 07727. **cultivar:** LOVE-LIES-BLEEDING. **local name:** love-lies-bleeding. **other id:** RRC 78S-306. **source:** Rodale Research Center. RD 1 Box 323 Kutztown PA 19530. **other id:** Ames 2213. **source:** NC-7. **group:** Ames. **remarks:** Ornamental with drooping red inflorescence. Annual. Cultivar. Seed.

PI 553074. *Perilla frutescens* (L.) Britton LAMIACEAE Perilla

Donated by: Koyama, T.M., New York Botanical Garden, Bronx, New York, United States. Received 1986.

donor id: K-17064. **origin:** Thailand. **collected:** February 22, 1986. **collector id:** K-17064. **other id:** Ames 7834. **source:** NC-7. **group:** Ames. **locality:** Doi Tung, Thai-Burmese frontier, Chiang Rai Province. **latitude:** 18 deg. 59 min. N. **longitude:** 98 deg. 25 min. E. Wild. Seed.

PI 553075. *Melilotus albus* Medikus FABACEAE

Donated by: Jablonski, Boleslaw, Oddzial Pszczelnictwa ISK, Zaklad Zapylnia Roslin, ul. Kazimierska 2, Pulawy, Poland. Received March 21, 1989.

origin: Poland. **cultivar:** GOH. **other id:** Ames 10213.
source: NC-7. **group:** Ames. **remarks:** Developed for bee pasture, late flowering (July into September). Annual. Cultivar. Seed.

PI 553076 to 553077. *Amaranthus australis* (A. Gray) J. Sauer
AMARANTHACEAE

Donated by: Brenner, D., North Central Regional PI Station, Iowa State University, Ames, Iowa, United States. Received November 01, 1989.

PI 553076 **origin:** United States. **local name:** Giant Amaranth.
collected: September 21, 1989. **other id:** Ames 10813.
source: NC-7. **group:** Ames. **locality:** Levee edges and in standing water in a fertile fresh water wetland. One and one half kilometers south west of Alachua Sink in Paynes Prairie State Park, near Gainesville in Alachua County.
latitude: 29 deg. 36 min. N. **longitude:** 82 deg. 19 min. W. **elevation:** 15m. **remarks:** Large plants, up to 485 cm tall. Basal circumference 24 to 56 cm. The stems are hollow, with stem walls 1.5 cm thick, purple-red or green. If water level is high, roots grow out of the stem. Plants dioecious, still in flower at collection time. Low water level during germination is said to favor establishment. Frosts in October are said to kill the plants yearly. Annual. Wild. Seed.

PI 553077 **origin:** United States. **collected:** September 19, 1989.
other id: Ames 10814. **source:** NC-7. **group:** Ames.
locality: Seasonal wetland, was dry at collection time. The area was burned in the spring of 1989. South of Sanibel-Captiva road by house #3345, on property of the Sanibel Captiva Foundation, Nature Center. Sanibel Island, in Lee County. **latitude:** 26 deg. 27 min. N. **longitude:** 82 deg. 6 min. W. **elevation:** 2m. **remarks:** Plants drying at collection time, 1 to 3.5 M tall, stems red. Plants dioecious. Sample size 20, population size 40. Annual. Wild. Seed.

PI 553078. *Amaranthus floridanus* (S. Watson) J. Sauer AMARANTHACEAE

Donated by: Brenner, D., North Central Regional PI Station, Iowa State University, Ames, Iowa, United States. Received November 01, 1989.

origin: United States. **collected:** September 20, 1989.
other id: Ames 10815. **source:** NC-7. **group:** Ames.
locality: Construction site, full sun with annual weeds, exposed soil derived from sea shells. Casey Key Estates, 50 meters east of Casey Key road, at address #1106. Less than 3 km north of Albee road. Casey Key, near Nokomis, in Sarasota County. **latitude:** 27 deg. 8 min. N.
longitude: 82 deg. 28 min. W. **elevation:** 4m. **remarks:** After drying the stems are still flexible and therefore easy to thresh. At collection time, males still in bloom, most leaves had fallen. Plants 25 to 50 cm tall, most have one erect stem and approximately nine horizontal stems. Varying amounts of red coloring on stems, utricles, and male tepals. Sample size 15 plants. Plants dioecious. Annual. Wild. Seed.

PI 553079. *Amaranthus graecizans* L. AMARANTHACEAE

Donated by: Brenner, D., North Central Regional PI Station, Iowa State University, Ames, Iowa, United States. Received November 01, 1989.

origin: United States. **collected:** August 13, 1989.
other id: Ames 10816. **source:** NC-7. **group:** Ames.
locality: Urban roadsides, especially pavement cracks. Welch Avenue, south of Lincoln Way, and north of Hwy. 30, Ames, in Storey County. **latitude:** 42 deg. 1 min. N.
longitude: 93 deg. 39 min. W. **elevation:** 290m. **remarks:** Continuous flowering and fruiting. Plants 15 cm tall, sprawling to 200 cm wide. Some stems are thickened, red colored, small leaved, and could be diseased. Sample size 100, population size thousands. Annual. Wild. Seed.

PI 553080 to 553085. *Amaranthus pumilus* Raf. AMARANTHACEAE

Donated by: Brenner, D., North Central Regional PI Station, Iowa State University, Ames, Iowa, United States. Received November 01, 1989.

PI 553080 to 553085-continued

- PI 553080 **origin:** United States. **collected:** August 31, 1989.
other id: Ames 10818. **source:** NC-7. **group:** Ames.
locality: Sandy area swept by ocean waves in winter storms, fenced to protect nesting sea birds, soil pH 8.2. Within two kilometers of the point of Cape Hatteras. Near Buxton, in Dare County. **latitude:** 35 deg. 13 min. N. **longitude:** 75 deg. 31 min. W. **elevation:** 4m. **remarks:** Most of the seeds collected had matured and fallen from plants. Some plants have no mature seeds at collection time. Plants stand up to 15 cm above the sand surface. All have red stem coloring. There is frequently caterpillar webbing within the foliage. Sample size 100. Annual. Wild. Seed.
- PI 553081 **origin:** United States. **collected:** September 03, 1989.
other id: Ames 10819. **source:** NC-7. **group:** Ames.
locality: Sandy area swept by ocean waves in winter storms, fenced to protect nesting sea birds. North end of Ocracoke Island, reached from ramp 59. Hyde County. **latitude:** 35 deg. 10 min. N. **longitude:** 75 deg. 46 min. W. **elevation:** 1m. **remarks:** At collection time the seeds had matured and fallen to the ground. Plants 10 cm tall and 60 cm wide, all stems red. Many plants were dying because of caterpillar defoliation. Sample size 100 plants. Annual. Wild. Seed.
- PI 553082 **origin:** United States. **collected:** September 07, 1989.
other id: Ames 10820. **source:** NC-7. **group:** Ames.
locality: Sandy area swept by ocean waves in winter storms. South end of Bouge Banks (Emerald Isle), in Carteret County. **latitude:** 34 deg. 38 min. N. **longitude:** 77 deg. 5 min. W. **elevation:** 1m. **remarks:** Plants in bloom and maturing seeds. Fifteen cm tall. Red stem coloring. Damaged by caterpillar feeding. Seeds are dispersed by wind and water. Sample size 100 plants, and also a sample of drift seeds deposited by sea water. Population size 1,000. Associated with *Euphorbia polygonifolia*. Annual. Wild. Seed.

PI 553080 to 553085-continued

- PI 553083 **origin:** United States. **collected:** September 09, 1989.
other id: Ames 10821. **source:** NC-7. **group:** Ames.
locality: Sandy area swept by ocean waves in winter storms, soil pH7. North and south of Shell Island Resort, north end of Wrightsville Beach, in New Hanover County.
latitude: 34 deg. 14 min. N. **longitude:** 77 deg. 46 min. W. **elevation:** 1m. **remarks:** Collected before seed maturity peak. Plants 15 cm tall, 30 cm wide, stems red. Many plants are dying due to caterpillar defoliation. An unknown animal has eaten seeds leaving utricles behind. Ghost Crabs live in burrows under many plants. Storm winds and water have carried away windfall seeds. Sample size 85 plants, population size 300 plants. Annual. Wild. Seed.
- PI 553084 **origin:** United States. **collected:** September 10, 1989.
other id: Ames 10822. **source:** NC-7. **group:** Ames.
locality: Sandy area swept by ocean waves in winter storms. West of "Campground by the Sea" on the west end of Holden Beach, in Brunswick County. **latitude:** 33 deg. 54 min. N. **longitude:** 78 deg. 21 min. W. **elevation:** 2m. **remarks:** Seeds collected from plants still in flower. Plants 15 cm tall, stems red. Ghost Crabs live in burrows under many of these plants. Sample size 100 plants, population size hundreds of plants. Annual. Wild. Seed.
- PI 553085 **origin:** United States. **collected:** September 14, 1989.
other id: Ames 10824. **source:** NC-7. **group:** Ames.
locality: Sandy area swept by ocean waves in winter storms. From the General Store to Murrells Inlet, Huntington Beach State Park, in Georgetown County.
latitude: 33 deg. 0 min. N. **longitude:** 79 deg. 2 min. W. **elevation:** 1m. **remarks:** At collection time the plants were still blooming, seed maturity might be better in October. Plants 15 cm tall and 150 cm wide. Sample size 100 plants, population size 2,000 plants. Annual. Wild. Seed.

PI 553086. *Amaranthus rudis* J. Sauer AMARANTHACEAE

Donated by: Brenner, D., North Central Regional PI Station, Iowa State University, Ames, Iowa, United States. Received November 01, 1989.

PI 553086-continued

origin: United States. **collected:** September 30, 1989.
other id: Ames 10827. **source:** NC-7. **group:** Ames.
locality: Gravel bar, flooded periodically. North of the Hwy 30 boat ramp, on the west bank of the Des Moines River, near the town of Boone, in Boone County.
latitude: 42 deg. 2 min. N. **longitude:** 93 deg. 56 min. W. **elevation:** 264m. **remarks:** At collection time the plants were drying after frost, the leaves had fallen. Plants 10 to 100cm tall, dioecious. In a sample of 100 female plants, 17% had red upper stems, 83% green. The male plants were more dry and brittle than the females. Sample size 500, pop. size thousands. Some plants are natural hybrids with *Amaranthus tuberculatus*, hybrid females lack tepals and have non circumscissile utricles. Annual. Wild. Seed.

PI 553087. *Perilla frutescens* (L.) Britton LAMIACEAE *Perilla*

Donated by: Johnny's Selected Seeds, Foss Hill Road, Albion, Maine, United States. Received .

origin: Japan. **cultivar:** RED SHISO. **other id:** Ames 13858. **source:** NC-7. **group:** Ames. **remarks:** Grown for its feathery, intensely purple-red leaves. Used to impart its curry-like flavor to soups, salads, and vegetables. Also to color turnip and daikon radish pickles and "umeboshi" plums. Used as garnish in sushi. Annual. Cultivar. Seed.

PI 553088 to 553091. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Balick, M.J., Director & Philecology Curator, Institute of Economic Botany, The New York Botanical Garden, Bronx, New York, United States. Received January 25, 1991.

PI 553088 **donor id:** Balick 2592. **origin:** Belize. **local name:** Kekchi Var: "An-hal" (yellow). **collected:** February 1990. **other id:** Ames 14447. **source:** NC-7. **group:** Ames. **locality:** Dolores Estate, Toledo District. Landrace. Seed.

PI 553089 **donor id:** Balick 2593. **origin:** Belize. **local name:** Kekchi Var: SAK-E-HAL (white corn). **collected:** February 1990. **other id:** Ames 14448. **source:** NC-7. **group:** Ames. **locality:** Dolores Estate, Toledo District. Landrace. Seed.

PI 553088 to 553091-continued

PI 553090 **donor id:** Balick 2594. **origin:** Belize. **local name:** Kekchi Var: EKE-HAL (black corn). **collected:** February 1990. **other id:** Ames 14449. **source:** NC-7. **group:** Ames. **locality:** Dolores Estate, Toledo District. Landrace. Seed.

PI 553091 **donor id:** Balick 2595. **origin:** Belize. **local name:** Kekchi Var: SHU-YE-RU (mixed corn). **collected:** February 1990. **other id:** Ames 14450. **source:** NC-7. **group:** Ames. **locality:** Dolores Estate, Toledo District. Landrace. Seed.

PI 553092. *Rubus adenothallus* Focke ROSACEAE

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

origin: UNCERTAIN. **pedigree:** Collected from the wild. Perennial. Wild. Seed.

PI 553093. *Rubus allegheniensis* Porter ROSACEAE Blackberry

Donated by: Widrechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received March 26, 1984.

origin: United States. **pedigree:** Collected from the wild in Minnesota. **local name:** Allegheny Blackberry. **locality:** Jambrota, Minn. **latitude:** 46 deg. N. **longitude:** 94 deg. W. Biennial. Wild. Seed.

PI 553094. *Rubus allegheniensis* Porter ROSACEAE Blackberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received September 15, 1986.

origin: United States. **pedigree:** Collected from the wild in Georgia. **local name:** Allegheny Blackberry. **collected:** August 05, 1986. **locality:** Appalachian Trail to Tray Mountain. **latitude:** 34 deg. 45 min. N. **longitude:** 83 deg. 40 min. W. **elevation:** 1200m. **remarks:** 3 m tall, new growth on floricanes pubescent, leaf lanceolate. Biennial. Wild. Seed.

PI 553095. *Rubus allegheniensis* Porter ROSACEAE Blackberry

Donated by: Vitkosvskij, V.L., N.I. Vavilov Inst., St. Petersburg, USSR. Received March 16, 1987.

origin: UNCERTAIN. **pedigree:** Uncertain, possibly collected from the wild. Biennial. Seed.

PI 553096 to 553098. *Rubus allegheniensis* Porter ROSACEAE Blackberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received July 13, 1987.

PI 553096 **origin:** United States. **pedigree:** Collected from the wild in Indiana. **local name:** Allegheny Blackberry. **latitude:** 40 deg. N. **longitude:** 86 deg. W. Biennial. Wild. Seed.

PI 553097 **origin:** United States. **pedigree:** Collected from the wild in Indiana. **local name:** Allegheny Blackberry. **locality:** Indiana Dunes National Lakeshore. **latitude:** 41 deg. 50 min. N. **longitude:** 87 deg. W. **elevation:** 183m. Biennial. Wild. Seed.

PI 553098 **origin:** United States. **pedigree:** Collected from the wild in Michigan. **local name:** Allegheny Blackberry. **latitude:** 41 deg. 95 min. N. **longitude:** 86 deg. W. **elevation:** 262m. Biennial. Wild. Seed.

PI 553099. *Rubus alumnus* L. Bailey ROSACEAE

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received July 02, 1987.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Michigan seedlot CRUB 1539. Perennial. Breeding Material. Plant.

PI 553100. *Rubus alumnus* L. Bailey ROSACEAE

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received August 13, 1987.

origin: United States. **pedigree:** Collected from the wild in Michigan. **locality:** "Purgatory Site", Three Rivers State Game Area. **latitude:** 41 deg. 95 min. N. **longitude:** 86 deg. W. **elevation:** 256m. Perennial. Wild. Seed.

PI 553101. *Rubus ammobius* Focke ROSACEAE

Donated by: Weber, H.E., Universitat Osnabruck, Vechta, Germany.
Received November 06, 1989.

origin: Germany. **pedigree:** Collected from the wild in West Germany. **collected:** 1989. **locality:** Bramsche, Lower Saxony. **latitude:** 52 deg. 25 min. N. **longitude:** 07 deg. 58 min. E. Perennial. Wild. Seed.

PI 553102. *Rubus apetalus* Poiret ROSACEAE

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

origin: South Africa. **pedigree:** Collected from the wild in South Africa. **latitude:** 30 deg. S. **longitude:** 25 deg. E. Perennial. Wild. Seed.

PI 553103. *Rubus arcticus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

origin: Finland. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Finland seedlot. Perennial. Breeding Material. Plant.

PI 553104. *Rubus arcticus* nsubsp. *stellarcticus* G. Larsson ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington 98801. **pedigree:** *R. arcticus* x *R. stellatus* hybrid. **other id:** Allakerbar. Perennial. Breeding Material. Plant.

PI 553105 to 553109. *Rubus arcticus* nsubsp. *stellarcticus* G. Larsson ROSACEAE Raspberry

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United States. Received May 03, 1988.

PI 553105 to 553109-continued

PI 553105 **origin:** Sweden. **origin institute:** Swedish Univ. of Plant Sciences, Box 5097, Umea. **cultivar:** Anna. **pedigree:** R. arcticus subs. arcticus x R. arcticus subs. stellatus. **local name:** Allakerbar. **remarks:** Artificial hybrid raspberries. Perennial. Cultivar. Plant.

PI 553106 **origin:** Sweden. **origin institute:** Swedish Univ. of Plant Sciences, Box 5097, Umea. **cultivar:** Linda. **pedigree:** R. arcticus subs. arcticus x R. arcticus subs. stellatus. **local name:** Allakerbar. **remarks:** Artificial hybrid raspberries. Perennial. Cultivar. Plant.

PI 553107 **origin:** Sweden. **origin institute:** Swedish Univ. of Plant Sciences, Box 5097, Umea. **cultivar:** Beata. **pedigree:** R. arcticus subs. arcticus x R. arcticus subs. stellata. **local name:** Allakerbar. **remarks:** Artificial hybrid raspberries. Perennial. Cultivar. Plant.

PI 553108 **origin:** Sweden. **origin institute:** Swedish Univ. of Plant Sciences, Box 5097, Umea. **cultivar:** Sofia. **pedigree:** R. arcticus subs. arcticus x R. arcticus subs. stellata. **local name:** Allakerbar. **remarks:** Artificial hybrid raspberries. Perennial. Cultivar. Plant.

PI 553109 **origin:** Sweden. **origin institute:** Swedish Univ. of Plant Sciences, Box 5097, Umea. **cultivar:** Valentina. **pedigree:** R. arcticus subs. arcticus x R. arcticus subs. stellata. **local name:** Allakerbar. **remarks:** Artificial hybrid raspberries. Perennial. Cultivar. Plant.

PI 553110. *Rubus argutus* Link ROSACEAE Blackberry

Donated by: Reich, J., Cornell University, NY State Ag. Exp. Sta., Geneva, New York, United States. Received November 10, 1985.

origin: United States. **historical origin:** United States. **cultivar:** Whitford Thornless. **pedigree:** Selection from the wild, a diploid variant. **remarks:** Erect, deeply furrowed, thornless, non-commercial. Perennial. Cultivar. Plant.

PI 553111. *Rubus axillaris* Lej. ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 553112. *Rubus buergeri* Miq. ROSACEAE

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 17, 1987.

origin: China. **pedigree:** Collected from the wild in China. **locality:** Hua Jin, Lushan Mountains. Biennial. Wild. Seed.

PI 553113. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Parliman, B.J., USDA/ARS/PGGI, Plant Introduction Station, 11601 George Palmer Highway, Beltsville, Maryland, United States. Received June 26, 1984.

origin: USSR. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553114. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Parliman, B.J., USDA/ARS/PGGI, Plant Introduction Station, Beltsville, Maryland, United States. Received June 27, 1984.

origin: USSR. **pedigree:** Open-pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553115. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

origin: Denmark. **pedigree:** Collected from the wild in Denmark. **collected:** August 09, 1985. **locality:** Koge, in full sun at edge of cultivated field. **latitude:** 56 deg. N. **longitude:** 120 deg. E. **elevation:** 30m. **remarks:** Creeping vine, slender canes, few drupelets per fruit. Perennial. Wild. Seed.

PI 553116. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received April 02, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **remarks:** From species collection of Harvey Hall. Perennial. Wild. Seed.

PI 553117. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States.
Received May 12, 1987.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University, Corvallis, Oregon. **pedigree:** Seedling selection.
Perennial. Breeding Material. Plant.

PI 553118. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

origin: USSR. **pedigree:** Collected from the wild in the Soviet Union. **collected:** 1957. **locality:** North Caucasus. **latitude:** 59 deg. 55 min. N. **longitude:** 30 deg. 20 min. E. **elevation:** 200m. Perennial. Wild. Seed.

PI 553119. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Hortus Botanicus Acad. Sci., Tashkent, Uzbek SSR, USSR. Received April 24, 1990.

origin: USSR. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553120 to 553121. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received July 26, 1990.

PI 553120 **origin:** USSR. **pedigree:** Collected from the wild in Uzbekistan. **collected:** July 06, 1990. **locality:** VIR substation as Hastract, under trees in apricot collect. Perennial. Wild. Seed.

PI 553121 **origin:** USSR. **pedigree:** Collected from the wild in Tajik. **collected:** July 10, 1990. **locality:** Along streambed behind Tajikistan Substation, Bot. Inst. Perennial. Wild. Seed.

PI 553122 to 553123. *Rubus caesius* L. ROSACEAE Blackberry

Donated by: Koropachunsky, I., Central Siberian Botanical Garden, Novosibirsk, USSR. Received January 1991.

PI 553122 **origin:** USSR. **pedigree:** Open pollinated from botanical collection. **collected:** October 16, 1990. **remarks:** Mother plant collected in Taldi-Kurgan Province, Andreevsky region, Lepsinsk. Perennial. Cultivated. Seed.

PI 553123 **origin:** USSR. **pedigree:** Open pollinated from botanical collection. **collected:** October 16, 1990. **remarks:** Mother plant collected in Semipalatinsk Province, Alekseevsky region, Urdjar River. Perennial. Cultivated. Seed.

PI 553124. *Rubus caesius* L. ROSACEAE Raspberry

Donated by: Holloway, P., University of Alaska, Fairbanks, Alaska, United States. Received February 11, 1991.

origin: USSR. **pedigree:** Open pollinated from botanical collection. **collected:** August 10, 1990. Perennial. Cultivated. Seed.

PI 553125. *Rubus canadensis* L. ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: United States. **pedigree:** Collected from the wild in Maine. Perennial. Wild. Plant.

PI 553126. *Rubus canadensis* L. ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received August 01, 1982.

origin: UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Uncertain, probably a seedling selection. Perennial. Breeding Material. Plant.

PI 553127 to 553140. *Rubus canadensis* L. ROSACEAE Blackberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received September 15, 1986.

- PI 553127 **origin:** United States. **pedigree:** Collected from the wild in Georgia. **collected:** August 05, 1986. **locality:** Brasstown Bald up the road from parking area. **latitude:** 34 deg. 50 min. N. **longitude:** 83 deg. 50 min. W. **elevation:** 1500m. **remarks:** Excellent population, some introgression with *R. argutus*. Perennial. Wild. Seed.
- PI 553128 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Franklin, Wine Spring Bald summit. **latitude:** 35 deg. 10 min. N. **longitude:** 83 deg. 35 min. W. **elevation:** 1815m. **remarks:** Varying thorniness, possible introgression with *R. argutus*. Perennial. Wild. Seed.
- PI 553129 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Watterock Knob off Blue Ridge Parkway along trail to peak. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 20 min. W. **elevation:** 2000m. **remarks:** Pimocane thornfree, variable for fruit size and set. Perennial. Wild. Seed.
- PI 553130 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Roy Taylor Forest Overlook on the Blue Ridge Parkway. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 00 min. W. **elevation:** 1860m. **remarks:** Extensive colony on slope, population sample. Perennial. Wild. Seed.
- PI 553131 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Jonas Ridge, Burke County. **latitude:** 35 deg. 50 min. N. **longitude:** 81 deg. 50 min. W. **elevation:** 1380m. **remarks:** Varying thorniness, appears introgressed with *R. allegh.* Perennial. Wild. Seed.
- PI 553132 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling sel. from wild North Carolina seedlot CRUB 1533. Perennial. Breeding Material. Plant.

PI 553127 to 553140-continued

- PI 553133 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Fork Ridge Overlook on the Blue Ridge Parkway. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 00 min. W. **remarks:** Canes generally thornless, typical variation of frt size. Perennial. Wild. Seed.
- PI 553134 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Balsam Mountain Road off Blue Ridge Parkway. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 1730m. **remarks:** Quite variable fruit size, some very nice. Perennial. Wild. Seed.
- PI 553135 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Clingman's Dome Road, Swain County. Roadsides. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 25 min. W. **elevation:** 1825m. **remarks:** Thornless primocanes and typical variation for fruit size. Perennial. Wild. Seed.
- PI 553136 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Along trail to Andrew's Bald, Swain County. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 25 min. W. **elevation:** 2000m. **remarks:** Quite variable fruit size. Perennial. Wild. Seed.
- PI 553137 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Haywood-Jackson Overlook off Blue Ridge Parkway. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 05 min. W. **elevation:** 2000m. **remarks:** Quite variable fruit size, some variation in thorniness. Perennial. Wild. Seed.
- PI 553138 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Boone, in bald area in a saddle which has been grazed. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1500m. **remarks:** Scattered colonies, almost thornfree primocanes. Perennial. Wild. Seed.
- PI 553139 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Boone, along Roan Mountain Gardens Road. **latitude:** 36 deg. 00 min. N. **longitude:** 82 deg. 05 min. W. **elevation:** 2050m. **remarks:** Quite variable fruitfulness and fruit size. Perennial. Wild. Seed.

PI 553127 to 553140-continued

PI 553140 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Boone, along Roan Mountain Gardens Road. **latitude:** 36 deg. 00 min. N. **longitude:** 82 deg. 05 min. W. **elevation:** 2050m. **remarks:** Select clone, primocanes to 2.5m, almost thornless. Perennial. Wild. Seed.

PI 553141. *Rubus canadensis* L. ROSACEAE Blackberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 12, 1986.

origin: United States. **pedigree:** Collected from the wild in Georgia. **collected:** August 05, 1986. **locality:** Brasstown Bald in parking area. **latitude:** 34 deg. 50 min. N. **longitude:** 83 deg. 50 min. W. **elevation:** 1500m. **remarks:** Very erect, vigorous clones, few very small thorns. Perennial. Wild. Plant.

PI 553142 to 553143. *Rubus caucasicus* Focke ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553142 **origin:** USSR. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Seedling selection from seedlot collected wild in the USSR. Perennial. Breeding Material. Plant.

PI 553143 **origin:** Afghanistan. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Seedling selection from seedlot collected in Afghanistan. Perennial. Breeding Material. Plant.

PI 553144 to 553145. *Rubus caucasicus* Focke ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received December 22, 1983.

PI 553144 **origin:** Afghanistan. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Seedling selection from seedlot collected in Afghanistan. Perennial. Breeding Material. Plant.

PI 553144 to 553145-continued

PI 553145 **origin:** USSR. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Seedling selection from seedlot collected in USSR. Perennial. Breeding Material. Plant.

PI 553146. *Rubus caucasicus* Focke ROSACEAE Blackberry

Donated by: Vitkosvskij, V.L., N.I. Vavilov Inst., St. Petersburg, USSR. Received March 16, 1987.

origin: UNCERTAIN. **pedigree:** Uncertain, possibly collected from the wild. Perennial. Seed.

PI 553147. *Rubus caucasicus* Focke ROSACEAE Blackberry

Donated by: Hortus Botanicus Acad. Sci., Taschkent, Uzbek SSR, USSR. Received April 15, 1987.

origin: USSR. **pedigree:** Open pollinated from botanical collection. Biennial. Cultivated. Seed.

PI 553148 to 553150. *Rubus chamaemorus* L. ROSACEAE Raspberry

Donated by: Kortesharju, J., Forest Research Institute, Kolari, Finland. Received September 14, 1983.

PI 553148 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Cloudberry. **collected:** July 20, 1983. **locality:** Keme Lapland, Kolari, in dwarf shrub pine bog. **latitude:** 67 deg. 05 min. N. **longitude:** 23 deg. 58 min. E. **elevation:** 180m. Perennial. Wild. Seed.

PI 553149 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Cloudberry. **collected:** July 19, 1983. **locality:** Northern Ostrobothnia, Ylitornio, in dwarf shrub pine bog. **latitude:** 66 deg. 33 min. N. **longitude:** 24 deg. 25 min. W. **elevation:** 80m. Perennial. Wild. Seed.

PI 553150 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Cloudberry. **collected:** July 19, 1983. **locality:** Northern Ostrobothnia, Rovaniemi. **latitude:** 66 deg. 37 min. N. **longitude:** 26 deg. 02 min. W. **elevation:** 160m. Perennial. Wild. Seed.

PI 553151 to 553152. *Rubus chamaemorus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

PI 553151 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Cloudberry. **collected:** August 16, 1985. **locality:** Open, wet forest near Kolari. **latitude:** 66 deg. 30 min. N. **longitude:** 24 deg. E. **elevation:** 150m. **remarks:** Typical morphology, about 20 cm tall, most fruit ripe by now. Perennial. Wild. Seed.

PI 553152 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Cloudberry. **collected:** August 18, 1985. **locality:** Ropinsalmi, in an open bog hammock caused by permafrost. **latitude:** 69 deg. N. **longitude:** 21 deg. E. **elevation:** 450m. **remarks:** Typical of species, most fruit were frozen when young. Perennial. Wild. Seed.

PI 553153. *Rubus chamaemorus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 16, 1986.

origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** Cloudberry. **collected:** August 25, 1986. **locality:** Chena River State Recreational Area in shallow bog. **latitude:** 64 deg. 50 min. N. **longitude:** 146 deg. 30 min. W. **elevation:** 220m. **remarks:** Typical hermaceous plant with rhizomes. Perennial. Wild. Seed.

PI 553154 to 553155. *Rubus chamaemorus* L. ROSACEAE Raspberry

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United States. Received August 08, 1988.

PI 553154 **origin:** Sweden. **pedigree:** Collected from the wild in Sweden. **local name:** Cloudberry. **collected:** 1988. **locality:** Coastal region, Sweden. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Tolerates wet soil. Perennial. Wild. Seed.

PI 553155 **origin:** Sweden. **pedigree:** Collected from the wild in Sweden. **local name:** Cloudberry. **collected:** 1988. **locality:** Mountain region, Sweden. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Tolerates wet soil. Perennial. Wild. Seed.

PI 553156. *Rubus chamaemorus* L. ROSACEAE Raspberry

Donated by: Hohn, T., Washington Park Arboretum, Seattle, Washington, United States. Received March 05, 1991.

origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** Cloudberry. **locality:** Juneau. **latitude:** 58 deg. 10 min. N. **longitude:** 134 deg. 12 min. W. **elevation:** 0m. Perennial. Wild. Seed.

PI 553157. *Rubus chingii* Hu ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received February 28, 1983.

origin: Japan. **pedigree:** Collected from the wild in Japan. **local name:** Gosho-ichigo. **collected:** February 28, 1982. **locality:** Toyama. **latitude:** 36 deg. 40 min. N. **longitude:** 137 deg. 15 min. E. **elevation:** 200m. Perennial. Wild. Seed.

PI 553158 to 553159. *Rubus chingii* Hu ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 29, 1988.

PI 553158 **origin:** China. **pedigree:** Collected from the wild in China. **local name:** Gosho-ichigo. **collected:** 1988. **latitude:** 33 deg. N. **longitude:** 120 deg. E. **remarks:** Population sample. Perennial. Wild. Seed.

PI 553159 **origin:** China. **pedigree:** Collected from the wild in China. **local name:** Gosho-ichigo. **collected:** 1988. **latitude:** 32 deg. N. **longitude:** 117 deg. E. **remarks:** Population sample. Perennial. Wild. Seed.

PI 553160. *Rubus chingii* Hu ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received April 06, 1990.

origin: Japan. **pedigree:** Open-pollinated from botanical collection. **local name:** Gosho-ichigo. **collected:** June 10, 1989. **locality:** Japan, Shikoku, Kochi-ken, Sameura. Perennial. Cultivated. Seed.

PI 553161. *Rubus cissoides* Cunn. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received January 30, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **local name:** Bush Lawyer. **collected:** January 20, 1986. **locality:** South Island. **remarks:** Yellow-fruited clone with >100 fruits/cluster. Perennial. Wild. Plant.

PI 553162. *Rubus cissoides* Cunn. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received February 18, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **local name:** Bush Lawyer. **collected:** January 30, 1986. **locality:** Te Anau Au Caves on Lake Te Anau, South Island. **latitude:** 45 deg. 25 min. S. **longitude:** 167 deg. 40 min. E. **remarks:** Climbing bramble, wide leafed variety. Perennial. Wild. Plant.

PI 553163. *Rubus cissoides* Cunn. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received May 05, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **local name:** Bush Lawyer. **collected:** April 24, 1986. **locality:** Lincoln, DSIR Headquarters, South Island. **latitude:** 43 deg. 38 min. S. **longitude:** 172 deg. 30 min. E. Perennial. Wild. Seed.

PI 553164. *Rubus cissoides* Cunn. ROSACEAE Blackberry

Donated by: Parliman, B.J., USDA/ARS/PGGI, Plant Introduction Station, Beltsville, Maryland, United States. Received October 27, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **local name:** Bush Lawyer. **collected:** November 15, 1985. **locality:** South Island near Franz Josef Glacier. **latitude:** 40 deg. 00 min. S. **longitude:** 176 deg. 00 min. E. **remarks:** Climbs vigorously, plants dioecious, sex of this unknown. Perennial. Wild. Plant.

PI 553165. *Rubus conothyrsoides* H. E. Weber ROSACEAE

Donated by: Weber, H.E., Universitat Osnabruck, Vechta, Germany.
Received November 06, 1989.

origin: Germany. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild German seedlot CRUB 1556. Perennial. Breeding
Material. Plant.

PI 553166. *Rubus corchorifolius* L. f. ROSACEAE Raspberry

Donated by: Fan, N.I., Chung-Hsing University, Taichung City, China.
Received October 30, 1982.

origin: Taiwan. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Taiwanese seedlot CRUB 1498. Perennial.
Breeding Material. Plant.

PI 553167 to 553170. *Rubus corchorifolius* L. f. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept.
Horticulture, Raleigh, North Carolina, United States. Received
November 29, 1988.

PI 553167 **origin:** China. **pedigree:** Collected from the wild in
China. **collected:** 1988. **latitude:** 31 deg. N.
longitude: 114 deg. E. **remarks:** Population sample.
Perennial. Wild. Seed.

PI 553168 **origin:** China. **pedigree:** Collected from the wild in
China. **collected:** 1988. **latitude:** 32 deg. N.
longitude: 117 deg. E. **remarks:** Population sample.
Perennial. Wild. Seed.

PI 553169 **origin:** China. **pedigree:** Collected from the wild in
China. **collected:** 1988. **latitude:** 27 deg. 30 min. N.
longitude: 116 deg. E. **remarks:** Population sample.
Perennial. Wild. Seed.

PI 553170 **origin:** China. **pedigree:** Collected from the wild in
China. **collected:** 1988. **latitude:** 33 deg. N.
longitude: 120 deg. E. **remarks:** Population sample.
Perennial. Wild. Seed.

PI 553171. *Rubus coreanus* Miq. ROSACEAE Raspberry

Donated by: Lee, T.B., Kwanak Arboretum, Suweon, Korea, Republic of.
Received October 30, 1982.

origin: Korea, Republic of. **pedigree:** Open pollinated
from botanical collection. **collected:** 1980. **latitude:**
37 deg. 17 min. N. **longitude:** 127 deg. 01 min. E.
elevation: 450m. Perennial. Cultivated. Seed.

PI 553172. *Rubus coreanus* Miq. ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department,
Gofuku, Toyama, Japan. **Received** April 06, 1990.

origin: Japan. **pedigree:** Open-pollinated from botanical
collection. **collected:** July 22, 1989. **locality:** Korea,
Challapuk Do, Shangsu-gun, Changeli. Perennial.
Cultivated. Seed.

PI 553173. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment
Station, Puyallup, Washington, United States. **Received** March 18,
1981.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit
Research Center, Wenatchee, Washington. Perennial.
Breeding Material. Plant.

PI 553174. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department,
Gofuku, Toyama, Japan. **Received** October 30, 1982.

origin: Japan. **pedigree:** Collected from the wild in
Japan. **collected:** July 18, 1981. **locality:** Tori-damu
Toyama prefecture. **latitude:** 36 deg. 45 min. N.
longitude: 137 deg. 30 min. E. Perennial. Wild. Seed.

PI 553175. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon, United States. **Received** October 30, 1982.

PI 553175-continued

origin: Japan. **pedigree:** Collected from the wild in Japan. **collected:** August 06, 1981. **locality:** Ida River, Toyama Prefecture, near Shimonomyo-onsen. **latitude:** 36 deg. 34 min. N. **longitude:** 137 deg. 08 min. E. **elevation:** 550m. Perennial. Wild. Seed.

PI 553176. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Shimura, I., Tokyo University, Tokyo, Japan. Received October 30, 1982.

origin: Japan. **pedigree:** Collected from the wild in Japan. **collected:** September 1981. **locality:** Akan-machi, Hokkaido, Honshu Island. **latitude:** 14 deg. N. **longitude:** 44 deg. E. **elevation:** 1200m. Perennial. Wild. Seed.

PI 553177. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Lee, T.B., Kwanak Arboretum, Suweon, Korea, Republic of. Received October 30, 1982.

origin: Korea, Republic of. **pedigree:** Open pollinated from botanical collection. **collected:** 1980. **latitude:** 37 deg. 17 min. N. **longitude:** 127 deg. 01 min. E. **elevation:** 450m. Perennial. Cultivated. Seed.

PI 553178 to 553179. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received December 20, 1982.

PI 553178 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Jingu Juegal. Perennial. Cultivar. Plant.

PI 553179 **origin:** UNCERTAIN. **pedigree:** Uncertain, possibly a seedling selection (?). Perennial. Plant.

PI 553180. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Hao, Rui, Jilin Agricultural Univ., Changchun, Jilin, China. Received January 04, 1985.

origin: China. **pedigree:** Collected from the wild in China. **collected:** 1984. **locality:** Jilin Province. **latitude:** 44 deg. N. **longitude:** 124 deg. E. Perennial. Wild. Seed.

PI 553181 to 553182. *Rubus crataegifolius* Bunge ROSACEAE Raspberry

Donated by: Cho, H.M., Horticultural Experiment Station, ORD, Suweon, Korea, Republic of. Received December 18, 1989.

PI 553181 **origin:** Korea, Republic of. **cultivar:** Jinju Juccarl.
pedigree: *R. crataegifolius* selection. **remarks:**
High-yielding with relatively large (2 gr), firm fruits.
Perennial. Cultivar. Plant.

PI 553182 **origin:** Korea, Republic of. **cultivar:** Jinju Whangal.
pedigree: *R. crataegifolius* selection. **remarks:**
High-yielding with relatively large (2 gr), firm fruits.
Perennial. Cultivar. Plant.

PI 553183. *Rubus cyri* Juz. ROSACEAE

Donated by: Vitkosvskij, V.L., N.I. Vavilov Inst., St. Petersburg, USSR. Received March 16, 1987.

origin: USSR. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CRUB 1536. Perennial. Breeding Material. Plant.

PI 553184. *Rubus deliciosus* Torrey ROSACEAE

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received July 11, 1988.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oklahoma seedlot CRUB 1543. **local name:** Rocky Mountain Raspberry. Perennial. Breeding Material. Plant.

PI 553185. *Rubus discolor* Weihe & Nees ROSACEAE Blackberry

Donated by: Emerson, J., Portland, Oregon, United States. Received January 16, 1987.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Himalayan Blackberry. **collected:** January 04, 1986. **locality:** Portland, in East Multnomah County in private orchard land. **latitude:** 45 deg. 35 min. N. **longitude:** 122 deg. 40 min. W. **elevation:** 100m. **remarks:** Chimeral thornless clone with shiny leaves. Perennial. Wild. Plant.

PI 553186. *Rubus drejeri* G. Jensen ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington. Perennial.
Breeding Material. Plant.

PI 553187. *Rubus echinatus* Lindley ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received April 02, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **remarks:** From species collection of Harvey Hall. Perennial. Wild. Seed.

PI 553188. *Rubus ellipticus* Smith ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received June 10, 1983.

origin: Nepal. **pedigree:** Collected from the wild in Nepal. **collected:** June 22, 1982. Perennial. Wild. Seed.

PI 553189. *Rubus ellipticus* Smith ROSACEAE Raspberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 19, 1983.

origin: United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Volcano Experiment Station, Big Island. **latitude:** 19 deg. 05 min. N. **longitude:** 155 deg. 03 min. W. **elevation:** 1160m. **remarks:** Fruits dull yellow, to 0.8 cm diameter. Perennial. Wild. Seed.

PI 553190. *Rubus ellipticus* Smith ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 12, 1989.

PI 553190-continued

origin: Pakistan. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Pakistani seedlot CRUB 1549. Perennial.
Breeding Material. Plant.

PI 553191. *Rubus erythrops* Eedes & Newton ROSACEAE

Donated by: Skirvin, R.M., University of Illinois, Dept.
Horticulture, Urbana, Illinois, United States. Received April 02,
1986.

origin: New Zealand. **pedigree:** Collected from the wild
in New Zealand. **latitude:** 41 deg. S. **longitude:** 174
deg. E. **remarks:** From species collection of Harvey Hall.
Perennial. Wild. Seed.

PI 553192. *Rubus flagellaris* Willd. ROSACEAE Blackberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station,
Ames, Iowa, United States. Received July 02, 1987.

origin: United States. **pedigree:** Collected from the wild
in Michigan. **local name:** American Dewberry. **locality:**
Fred Russ State Forest. **latitude:** 41 deg. 95 min. N.
longitude: 86 deg. W. **elevation:** 264m. Perennial.
Wild. Seed.

PI 553193. *Rubus flagellaris* Willd. ROSACEAE Blackberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station,
Ames, Iowa, United States. Received July 13, 1987.

origin: United States. **pedigree:** Collected from the
wild. **local name:** American Dewberry. Perennial. Wild.
Seed.

PI 553194. *Rubus flosculosus* Focke ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment
Station, Puyallup, Washington, United States. Received March 18,
1981.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit
Research Center, Wenatchee, Washington 98801.
Perennial. Breeding Material. Plant.

PI 553195. *Rubus flosculus* Focke ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received November 16, 1983.

origin: China. **pedigree:** Seedling selection from seedlot collected wild in China. **locality:** Yinpo, between Jiuhuping farm & Bancang. **latitude:** 31 deg. 30 min. N. **longitude:** 110 deg. E. **elevation:** 1750m. Perennial. Cultivated. Plant.

PI 553196. *Rubus flosculus* Focke ROSACEAE Raspberry

Donated by: Robbins, J., Washington State University, Western Washington Exp. Sta., Puyallup, Washington, United States. Received January 17, 1989.

origin: China. **historical origin:** United States. **origin institute:** Washington State University, Extension Station, Puyallup, Washington. **pedigree:** Probably a seedling selection. Perennial. Breeding Material. Cutting.

PI 553197. *Rubus formosensis* Kuntze ROSACEAE Blackberry

Donated by: Fan, N.I., Chung-Hsing University, Taichung City, China. Received October 30, 1982.

origin: Taiwan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Taiwanese seedlot CRUB 1499. Perennial. Breeding Material. Plant.

PI 553198. *Rubus fraxinifolius* Poiret ROSACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 30, 1982.

origin: Taiwan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Taiwanese seedlot CRUB 1500. Perennial. Breeding Material. Plant.

PI 553199. *Rubus frondosus* (Torrey) Bigelow ROSACEAE Blackberry

Donated by: Robbins, J., Washington State University, Western Washington Exp. Sta., Puyallup, Washington, United States. Received January 17, 1989.

origin: UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Extension Station, Puyallup, Washington. **pedigree:** Probably a seedling selection. Perennial. Breeding Material. Cutting.

PI 553200. *Rubus fuscus* Weihe ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

* *Rubus slesvicensis* Lange ROSACEAE Blackberry
origin: UNKNOWN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington 98801. **pedigree:** Uncertain, possibly a seedling selection. Perennial. Breeding Material. Plant.

PI 553201. *Rubus georgicus* Focke ROSACEAE

Donated by: Vitkosvskij, V.L., N.I. Vavilov Inst., St. Petersburg, USSR. Received March 16, 1987.

origin: UNCERTAIN. **pedigree:** Uncertain, possibly collected from the wild. Perennial. Seed.

PI 553202. *Rubus glandithyrsos* G. Braun ROSACEAE

Donated by: Weber, H.E., Universitat Osnabruck, Vechta, Germany. Received November 06, 1989.

origin: Germany. **pedigree:** Collected from the wild in West Germany. **collected:** 1989. **locality:** Bramsche, Lower Saxony. **latitude:** 52 deg. 25 min. N. **longitude:** 07 deg. 58 min. E. Perennial. Wild. Seed.

PI 553203. *Rubus glandulosus* Bellardi ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

PI 553203-continued

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank
Probably apomictic. Perennial. Cultivated. Seed.

PI 553204. *Rubus glaucus* Benth. ROSACEAE Blackberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 19, 1983.

origin: United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Volcano Experiment Station, Big Island. **latitude:** 19 deg. 05 min. N. **longitude:** 155 deg. 03 min. W.
elevation: 1160m. **remarks:** Fruit large, conic. Perennial. Wild. Seed.

PI 553205 to 553206. *Rubus glaucus* Benth. ROSACEAE Blackberry

Donated by: Hall, H.K., Crop Research Division, DSIR, Riwaka Research Station, Motueka, New Zealand. Received February 13, 1986.

PI 553205 **origin:** Ecuador. **historical origin:** United States.
origin institute: USDA/ARS/NPGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Ecuadorian seedlot CRUB 1532. **local name:** Mora. **latitude:** 02 deg. S. **longitude:** 75 deg. 30 min. W. **remarks:** Red-fruited. Perennial. Breeding Material. Plant.

PI 553206 **origin:** Guatemala. **pedigree:** Collected from the wild in Guatemala. **latitude:** 15 deg. 30 min. N. **longitude:** 90 deg. W. **remarks:** Wine-tasting, black fruit. Perennial. Wild. Seed.

PI 553207 to 553208. *Rubus glaucus* Benth. ROSACEAE Blackberry

Donated by: Dixon, D., Dixon Ranch, 12225 Graton Road, Graton, California, United States. Received March 09, 1989.

PI 553207 **origin:** Ecuador. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CRUB 1554. **local name:** Mora. **other id:** red Quito. Perennial. Breeding Material. Plant.

PI 553207 to 553208-continued

PI 553208 **origin:** Ecuador. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from seedlot CRUB 1555. **local name:** Mora. **other id:**
black Otalvo. Perennial. Breeding Material. Plant.

PI 553209 to 553210. *Rubus glaucus* Benth. ROSACEAE

Donated by: Hall, H.K., Crop Research Division, DSIR, Riwaka
Research Station, Motueka, New Zealand. Received April 24, 1990.

PI 553209 **origin:** Guatemala. **pedigree:** Collected from the wild in
Guatemala. **collected:** 1985. **latitude:** 15 deg. 40 min.
N. **longitude:** 90 deg. 30 min. W. **remarks:** Fruit is dark
wine colored. Perennial. Wild. Seed.

PI 553210 **origin:** Ecuador. **pedigree:** Collected from the wild in
Ecuador. **local name:** Mora. **collected:** 1985. **latitude:**
02 deg. S. **longitude:** 78 deg. W. **remarks:** Fruit is pink
colored. Perennial. Wild. Seed.

PI 553211. *Rubus grabowskii* Weihe ex Gunther et al. ROSACEAE
Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant
Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical
collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank.
Probably apomictic. Perennial. Cultivated. Seed.

PI 553212. *Rubus gunnianus* Hook. ROSACEAE

Donated by: Skirvin, R.M., University of Illinois, Dept.
Horticulture, Urbana, Illinois, United States. Received May 05,
1986.

origin: Australia. **pedigree:** Collected from the wild in
Tasmania. **collected:** November 13, 1965. **locality:**
Wilmot, Tasmania. **latitude:** 43 deg. N. **longitude:** 140 .
deg. 30 min. E. Perennial. Wild. Plant.

PI 553213. *Rubus hartmanii* Gand. ex Sudre ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant
Breeding, Kristianstad, Sweden. Received February 22, 1990.

PI 553213-continued

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Parent clone is part of the Nordic Gene Bank Probably apomictic. Perennial. Cultivated. Seed.

PI 553214 to 553221. *Rubus hawaiensis* A. Gray ROSACEAE Raspberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 19, 1983.

PI 553214 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Hawaiian seedlot CRUB 1519. Biennial. Breeding Material. Plant.

PI 553215 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Hawaiian seedlot CRUB 1520. Biennial. Breeding Material. Plant.

PI 553216 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Hill reserve, Mauna Kea Observatory road, Big Island. **latitude:** 19 deg. 08 min. N. **longitude:** 155 deg. 05 min. W. **elevation:** 1980m. **remarks:** Red-purple fruit, to 3 cm diameter. Biennial. Wild. Seed.

PI 553217 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Hill Reserve, Mauna Kea Observatory road, Big Island. **latitude:** 19 deg. 05 min. N. **longitude:** 155 deg. 03 min. W. **elevation:** 1160m. **remarks:** Yellow-fruited, large, juicy and tart. Biennial. Wild. Seed.

PI 553218 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Hill Reserve, Mauna Kea Observatory road, Big Island. **latitude:** 19 deg. 08 min. N. **longitude:** 155 deg. 05 min. W. **elevation:** 1980m. **remarks:** Fruit red-yellow, possibly a hybrid. Biennial. Wild. Seed.

PI 553219 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Along side road just east of Mauna Kea Observatory road. **latitude:** 19 deg. 08 min. N. **longitude:** 155 deg. 04 min. W. **elevation:** 1830m. **remarks:** Fruit large, red-purple, to 3 cm diameter. Biennial. Wild. Seed.

PI 553214 to 553221-continued

PI 553220 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Along side road just east of Mauna Kea Observatory road. **latitude:** 19 deg. 05 min. N. **longitude:** 155 deg. 03 min. W. **elevation:** 1830m. **remarks:** Fruit yellow, to 3 cm diameter. Biennial. Wild. Seed.

PI 553221 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **collected:** August 08, 1983. **locality:** Near the David Douglas Monument at Doctor's Pit, Big Island. **latitude:** 20 deg. N. **longitude:** 155 deg. 05 min. W. **elevation:** 1830m. **remarks:** Fruit red-purple, to 3 cm diameter. Biennial. Wild. Seed.

PI 553222. *Rubus hawaiensis* A. Gray ROSACEAE Raspberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

origin: United States. **pedigree:** Collected from the wild in Hawaii. **latitude:** 20 deg. N. **longitude:** 155 deg. W. **elevation:** 300m. Biennial. Wild. Seed.

PI 553223. *Rubus henryi* Hemsley & Kuntze ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received January 04, 1983.

origin: China. **historical origin:** United States. **origin institute:** Oregon State University, Dept. Botany and Plant Pathology, Corvallis, Oregon. **pedigree:** Seedling selection from seed collected in China. **remarks:** Selected for use as a virus indicator. Perennial. Breeding Material. Plant.

PI 553224 to 553225. *Rubus hillii* F. Muell. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received May 05, 1986.

PI 553224 **origin:** Australia. **pedigree:** Collected from the wild in Australia. **local name:** Broadleafed Blackberry. **collected:** September 22, 1966. **locality:** Armidale, New South Wales. **latitude:** 30 deg. 30 min. S. **longitude:** 151 deg. 40 min. E. Perennial. Wild. Plant.

PI 553224 to 553225-continued

PI 553225 **origin:** Australia. **pedigree:** Open-pollinated from botanical collection. **local name:** Broadleafed Blackberry. **collected:** April 24, 1986. Perennial. Cultivated. Seed.

PI 553226. *Rubus hillii* F. Muell. ROSACEAE Blackberry

Donated by: Recher, P., Fruit Spirit Botanical Gardens, Darrowby, New South Wales, Australia. Received February 22, 1990.

origin: Australia. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Australian seedlot CRUB 1557. **local name:** Broadleafed Blackberry. Perennial. Breeding Material. Plant.

PI 553227 to 553228. *Rubus hirsutus* Thunb. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553227 **origin:** Japan. **origin institute:** Department of Biology, Toyama University, Gofuku, Toyama 930. Perennial. Breeding Material. Plant.

PI 553228 **origin:** Japan. **origin institute:** Department of Biology, Toyama University, Gofuku, Toyama 930. Perennial. Breeding Material. Plant.

PI 553229. *Rubus hirsutus* Thunb. ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received October 30, 1982.

origin: Japan. **pedigree:** Collected from the wild in Japan. **collected:** July 09, 1981. **locality:** Himi-shi Toyama prefecture. **latitude:** 36 deg. 45 min. N. **longitude:** 137 deg. 30 min. E. Perennial. Wild. Seed.

PI 553230. *Rubus hirsutus* Thunb. ROSACEAE Raspberry

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received December 20, 1982.

origin: UNCERTAIN. **pedigree:** Uncertain, possibly a seedling selection (?). Perennial. Plant.

PI 553231 to 553233. *Rubus hirsutus* Thunb. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 29, 1988.

PI 553231 **origin:** China. **pedigree:** Collected from the wild in China. **local name:** Kusa-ichigo. **collected:** 1988. **latitude:** 32 deg. N. **longitude:** 117 deg. E. **remarks:** Population sample. Perennial. Wild. Seed.

PI 553232 **origin:** China. **pedigree:** Collected from the wild in China. **local name:** Kusa-ichigo. **collected:** 1988. **latitude:** 29 deg. N. **longitude:** 120 deg. E. **remarks:** Population sample. Perennial. Wild. Seed.

PI 553233 **origin:** China. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Chinese seedlot CRUB 1546. **local name:** Kusa-ichigo. Perennial. Breeding Material. Plant.

PI 553234. *Rubus hispidus* L. ROSACEAE

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received September 15, 1986.

origin: United States. **pedigree:** Collected from the wild in North Carolina. **local name:** Running Blackberry, Swamp Dewberry. **collected:** August 05, 1986. **locality:** Boone, light wooded area below Christmas tree planting. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1530m. **remarks:** Small population collection, abundant fruiting. Perennial. Wild. Cutting.

PI 553235 to 553241. *Rubus hoffmeisterianus* Kunth & Bouche ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 12, 1989.

PI 553235 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 06, 1988. **locality:** 3km W of Gilgit, near rock wall by irrigation channel. **latitude:** 35 deg. 53 min. N. **longitude:** 74 deg. 18 min. E. **elevation:** 1464m. Perennial. Wild. Seed.

PI 553235 to 553241-continued

- PI 553236 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 03, 1988. **locality:** Gilgit, by a rock wall near irrigation channel on a farm. **latitude:** 36 deg. 09 min. N. **longitude:** 74 deg. 18 min. E. **elevation:** 1775m. Perennial. Wild. Seed.
- PI 553237 **origin:** Pakistan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Pakistani seedlot CRUB 1552. Perennial. Breeding Material. Plant.
- PI 553238 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 02, 1988. **locality:** Shady gully 1km NW of PARC Res. Station, beside a spring. **latitude:** 35 deg. 45 min. N. **longitude:** 74 deg. 36 min. E. **elevation:** 1613m. Perennial. Wild. Seed.
- PI 553239 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 21, 1988. **locality:** 7km SW of Kalam, hanging over bank beside road. **latitude:** 35 deg. 31 min. N. **longitude:** 72 deg. 35 min. E. **elevation:** 1970m. Perennial. Wild. Seed.
- PI 553240 **origin:** Pakistan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Pakistani seedlot CRUB 1553. Perennial. Breeding Material. Plant.
- PI 553241 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 02, 1988. **locality:** 6km SE of Gilgit, on rock wall at edge of wheat field. **latitude:** 35 deg. 50 min. N. **longitude:** 74 deg. 19 min. E. **elevation:** 1484m. Perennial. Wild. Seed.

PI 553242. *Rubus humulifolius* C. Meyer ROSACEAE

Donated by: Puska, R., Kemira Oy Espoo Research Center, Espoo, Finland. Received November 20, 1989.

origin: Finland. **pedigree:** Selection from the wild.
remarks: This is being propagated by Puska for reintro. to the wild. Perennial. Wild. Tissue Culture.

PI 553243 to 553268. *Rubus* hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 23, 1981.

PI 553243 to 553268-continued

- PI 553243 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Bailey. **remarks:** Plants erect, fruit borne out in the open and uniformly large. Perennial. Cultivar. Plant.
- PI 553244 **origin:** United States. **historical origin:** United States. **origin institute:** Texas A&M University, Agricultural Experiment Station, College Station, Texas 77843. **cultivar:** Brazos. **pedigree:** F2 (Lawton x Nessberry). **remarks:** Canes erect, fruit large, matures early. Perennial. Cultivar. Plant.
- PI 553245 **origin:** United States. **historical origin:** United States. **origin institute:** Texas A & M University, Agricultural Experiment Station, College Station, Texas 77843. **cultivar:** Brison. **pedigree:** (Brainerd x Brazos) x Brazos. **remarks:** Erect, firm fruit, smaller seeds than Brazos. Perennial. Cultivar. Plant.
- PI 553246 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Cascade. **pedigree:** Zielinski x Logan. **remarks:** Trailing, excellent canning, dessert, frozen quality berry. Perennial. Cultivar. Plant.
- PI 553247 **origin:** United States. **historical origin:** United States. **origin institute:** University of Arkansas, Agricultural Experiment Station, Fayetteville, Arkansas 72701. **cultivar:** Cherokee. **pedigree:** Darrow x Brazos. **remarks:** Canes erect, moderately thorny and very vigorous, good for mechanical harvesting, very productive. Perennial. Cultivar. Plant.
- PI 553248 **origin:** United States. **historical origin:** United States. **origin institute:** University of Arkansas, Agricultural Experiment Station, Fayetteville, Arkansas 72701. **cultivar:** Cheyenne. **pedigree:** Darrow x Brazos. **other id:** Ark. 544. **remarks:** Canes erect, good mechanical harvest. Perennial. Cultivar. Plant.
- PI 553249 **origin:** United States. **historical origin:** United States. **origin institute:** University of Arkansas, Agricultural Experiment Station, Fayetteville, Arkansas 72701. **cultivar:** Comanche. **pedigree:** Darrow x Brazos. **other id:** Ark. 527. **remarks:** Canes erect, excellent fruit quality, sister selection to cultivar 'Cherokee'. Consistently productive. Perennial. Cultivar. Plant.

- PI 553250 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Darrow. **pedigree:** (Eldorado x Brewer) x Hedrick. **remarks:** Early ripe, long fruiting period, reliable heavy producer. Perennial. Cultivar. Plant.
- PI 553251 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Southern Illinois University, Carbondale, Illinois 62901. **cultivar:** Dirksen Thornless. **pedigree:** (US 1482 x Darrow) x Thornfree. **remarks:** Semi-erect, tolerates leaf spot and anthracnose. Perennial. Cultivar. Plant.
- PI 553252 **origin:** United States. **historical origin:** United States. **origin institute:** Kreiger's Nursery, Bridgman, Michigan. **cultivar:** Ebony King. **remarks:** Canes erect, resistant to orange rust. Perennial. Cultivar. Plant.
- PI 553253 **origin:** United States. **historical origin:** United States. **cultivar:** Lucretia. **pedigree:** Unknown. **remarks:** Trailing. Perennial. Cultivar. Plant.
- PI 553254 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Marion. **pedigree:** Chehalem x Olallie. **other id:** ORUS 928. **remarks:** Trailing, excellent flavor, good for pies, jam Midseason to late, vigorous, thorny canes. Perennial. Cultivar. Plant.
- PI 553255 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Olallie. **pedigree:** Black Logan x Young. **other id:** Oregon 609. **remarks:** Excellent for processing, short chill resistant Midseason, moderately vigorous, berries large, glossy black. Perennial. Cultivar. Plant.
- PI 553256 **origin:** United States. **origin institute:** University of Maryland, Agricultural Experiment Station, College Park, Maryland. **cultivar:** Raven. **pedigree:** Dewblack x Eldorado. **remarks:** Canes erect, frt large, ripens early. Perennial. Cultivar. Plant.
- PI 553257 **origin:** United States. **origin institute:** USDA-ARS, Beltsville Ag. Res. Center, Beltsville, Maryland 20705. **cultivar:** Smoothstem. **pedigree:** US 1482 open pollinated. **remarks:** Semi-erect, 8-10 ft. long thornless canes. Perennial. Cultivar. Plant.

- PI 553258 **origin:** Canada. **historical origin:** New Zealand. **origin institute:** Crops Research Division, DSIR, Private Bag, Christchurch, British Columbia. **cultivar:** Logan Thornless. **pedigree:** Thornless mutation of Logan. **other id:** Thornless Loganberry. **remarks:** This clone was produced by meristem tip culture. Perennial. Cultivar. Plant.
- PI 553259 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Brandywine. **pedigree:** NY 631 x Hilton. **other id:** NY 905. **remarks:** Recommended for commercial trial and roadside operations. Perennial. Cultivar. Plant.
- PI 553260 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Aurora. **pedigree:** USOR 616 x USOR 73. **remarks:** Erect, ripens earliest of any blackberry in Western Oregon. Perennial. Cultivar. Plant.
- PI 553261 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Agricultural Experiment Station, Raleigh, North Carolina 27650. **cultivar:** Carolina. **pedigree:** Austin Thornless x Lucretia. **remarks:** Trailing, good resistance to Septoria leaf spot. Perennial. Cultivar. Plant.
- PI 553262 **origin:** United States. **historical origin:** United States. **cultivar:** Eldorado. **pedigree:** Chance seedling. **remarks:** Erect, has had problems with sterility, disease in the East. Perennial. Cultivar. Plant.
- PI 553263 **origin:** United States. **historical origin:** United States. **cultivar:** Snyder. **pedigree:** Chance seedling. **remarks:** Erect, short fruiting season, less susceptible to rust. Perennial. Cultivar. Plant.
- PI 553264 **origin:** United States. **historical origin:** United States. **origin institute:** USDA-ARS Crops Research Division, BARC-West, Beltsville, Maryland 20705. **cultivar:** Thornfree. **pedigree:** (Brainerd x Merton Thornless)x(Merton Thornless x Eldorado). **remarks:** Semi-erect, cold hardy at Urbana, IL, thornless. Perennial. Cultivar. Plant.

PI 553243 to 553268-continued

- PI 553265 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14856. **cultivar:** Clyde. **pedigree:** Bristol x NY 17861 (Newburgh x Indian Summer). **other id:** NY 245. **remarks:** Fruit purple, heavy canes arch to ground, tol of anthracnose. Perennial. Cultivar. Plant.
- PI 553266 **origin:** United States. **historical origin:** United States. **cultivar:** Young. **pedigree:** Phenomenal x Mayes. **remarks:** Trailing, sweet flavor. Perennial. Cultivar. Plant.
- PI 553267 **origin:** United States. **historical origin:** United States. **origin institute:** Texas A&M University, Dept. Hort. Sci., College Station, Texas. **cultivar:** Womack. **pedigree:** (Brainerd x Brazos) x Brazos. **remarks:** Adapted to coastal plains of Texas. Perennial. Cultivar. Plant.
- PI 553268 **origin:** United States. **historical origin:** Germany. **origin institute:** Deutschesortenamt, Hanover, Oregon. **cultivar:** Philadelphia. **remarks:** Cold hardy, berries soft and crumbly. Perennial. Cultivar. Plant.

PI 553269. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. of Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 25, 1985.

origin: United States. **historical origin:** United States. **cultivar:** Boysen. **other id:** Boysenberry. **remarks:** Trailing, berries very large, tart, soft and flavorful Midseason, vigorous, smooth cane, yields to 4T/A in Oregon. Perennial. Cultivar. Plant.

PI 553270. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 25, 1984.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Chehalem. **pedigree:** Santiam x Himalaya. **other id:** Oregon 731. **remarks:** Trailing, excellent frozen, adapted to Pacific Northwest Midseason to late, very vigorous, thorny cane. Perennial. Cultivar. Plant.

PI 553271. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received April 23, 1983.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Aurora. **pedigree:** ORUS 616 x ORUS 73. **remarks:** Erect, ripens earliest of blackberries in Western Oregon. Perennial. Cultivar. Plant.

PI 553272. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received January 04, 1983.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS, Southern Illinois University, Carbondale, Illinois. **cultivar:** Black Satin. **pedigree:** SIUS 47(US 1482 X Darrow) X Thornfree. **other id:** SIUS 64-21-11. **remarks:** Semi-erect, hardy, vigorous and productive. Perennial. Cultivar. Plant.

PI 553273. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received August 01, 1982.

origin: United States. **origin institute:** USDA & Oregon State University, Agricultural Experiment Station, Corvallis, Oregon 97331. **cultivar:** Chehalem. **pedigree:** Santiam x Himalaya. **other id:** Oregon 731. **remarks:** Small seeds, adapted to north Pacific coast Midseason to late, very vigorous, thorny canes. Perennial. Cultivar. Plant.

PI 553274. Rubus hybrid ROSACEAE Hybrid

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received October 11, 1982.

origin: United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Selection of OP seed of cultivar Tayberry. Perennial. Breeding Material. Plant.

PI 553275 to 553276. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received November 05, 1982.

PI 553275 **origin:** United States. **historical origin:** UNCERTAIN.
cultivar: Hillemeier. Perennial. Cultivar. Cutting.

PI 553276 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** John Innes Institute, London, England. **cultivar:** Merton Thornless. **pedigree:** John Innes x John Innes selfed. **other id:** Plant Patent 571. **group:** PREV. **remarks:** Mainly used as a source of thornlessness in breeding. Perennial. Cultivar. Plant.

PI 553277 to 553278. Rubus hybrid ROSACEAE Blackberry

Donated by: Jennings, D.L., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received February 22, 1983.

PI 553277 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** Laxton Nurseries, Bedford, England. **cultivar:** Bedford Giant. **pedigree:** Self of Vietchberry, hexaploid. **remarks:** Hexaploid, productive, excellent large fruit. Perennial. Cultivar. Plant.

PI 553278 **origin:** United Kingdom. **origin institute:** Scottish Horticultural Research, Institute, Invergowrie, Scotland. **cultivar:** Ashton Cross. **remarks:** Rapid fruit maturation. Perennial. Cultivar. Plant.

PI 553279. Rubus hybrid ROSACEAE Blackberry

Donated by: Denison, E.L., Iowa State University, Dept. Horticulture, Ames, Iowa, United States. Received February 28, 1983.

origin: Ireland. **origin institute:** Clon Roche Experimental Research Center, Clon Roche. **pedigree:** Thornfree open pollinated seed. **collected:** September 13, 1982. Perennial. Breeding Material. Seed.

PI 553280 to 553298. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received March 22, 1983.

PI 553280 to 553298-continued

- PI 553280 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1122. **pedigree:** Marion x OSC 878. Perennial. Breeding Material. Plant.
- PI 553281 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1127. **pedigree:** Olallie x OSC 878. Perennial. Breeding Material. Plant.
- PI 553282 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1467. **pedigree:** Olallie x 998. Perennial. Breeding Material. Plant.
- PI 553283 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1063. **pedigree:** OSC 743 x Chehalem. Perennial. Breeding Material. Plant.
- PI 553284 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 992. **pedigree:** Chehalem x Olallie. Perennial. Breeding Material. Plant.
- PI 553285 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1620. **pedigree:** 917 X 1282. Perennial. Breeding Material. Plant.
- PI 553286 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 965. **pedigree:** OSC 616 X OSC 73. Perennial. Breeding Material. Plant.
- PI 553287 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1465. **pedigree:** Olallie x 998. Perennial. Breeding Material. Plant.
- PI 553288 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 998. **pedigree:** Jenner 1 x Eldorado. Perennial. Breeding Material. Plant.
- PI 553289 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 742. **pedigree:** Pacific x Boysen. Perennial. Breeding Material. Plant.

PI 553280 to 553298-continued

- PI 553290 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 993. **pedigree:** Chehalem x Ollallie. Perennial. Breeding Material. Plant.
- PI 553291 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1105. **pedigree:** Olallie x OSC 878. Perennial. Breeding Material. Plant.
- PI 553292 **origin:** United States. **historical origin:** United States. **cultivar:** Austin Thornless. **pedigree:** Mayes Open-pollinated seedling selection. **other id:** Thornless Austin. **remarks:** Octoploid (2n=56), thornlessness dominant trait. Perennial. Cultivar. Plant.
- PI 553293 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Kotata. **pedigree:** (Pacific x Boysen) x (Jenner 1 x Eldorado). **other id:** ORUS 1050. **remarks:** Trailing, canes res. to cane & leaf spot, hardier than Marion. Perennial. Cultivar. Plant.
- PI 553294 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 922. **pedigree:** Chehalem x Cascade. Perennial. Breeding Material. Plant.
- PI 553295 **origin:** United States. **origin institute:** USDA/ARS, North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 110. Perennial. Breeding Material. Plant.
- PI 553296 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1280. **pedigree:** 1063 x Austin Thornless. Perennial. Breeding Material. Plant.
- PI 553297 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS1067. **pedigree:** OSC 884 x OSC 743. Perennial. Breeding Material. Plant.
- PI 553298 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** ORUS 1600. **pedigree:** 1063 x 1252. Perennial. Breeding Material. Plant.

PI 553299. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received May 06, 1983.

origin: United States. **historical origin:** United States.
origin institute: USDA/ARS, University of Illinois and, Ohio Agric. Res. & Dev. Center, Experiment Station, Beltsville, Maryland. **cultivar:** Hull Thornless.
pedigree: SIUS 47 x Thornfree. **other id:** SIUS 68-6-6.
remarks: Semi-erect, large, firm berries with good keeping quality. Perennial. Cultivar. Plant.

PI 553300. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received June 22, 1983.

origin: United States. **cultivar:** Anderson. **remarks:** Erect canes. Perennial. Cultivar. Plant.

PI 553301 to 553302. Rubus hybrid ROSACEAE Purple Raspberry

Donated by: Sanford, J.C., New York State Univ., Dept. Pomology & Viticulture, Geneva, New York, United States. Received December 05, 1983.

PI 553301 **origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York. **cultivar:** Sodus. **pedigree:** Dundee x Newburgh. **remarks:** Very productive, drought res., susc. to Verticillium wilt. Perennial. Cultivar. Plant.

PI 553302 **origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Royalty. **pedigree:** (Cumberland x Newburgh) x (Newburgh x Indian Summer). **other id:** Plant Patent 5405. **group:** PLNT. **other id:** NY 632. **remarks:** Large fruit size, good fruit quality and insect resistance Strong raspberry aroma is preserved in processing. Perennial. Cultivar. Plant.

PI 553303 to 553305. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 11, 1984.

PI 553303 to 553305-continued

PI 553303 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1462. **pedigree:** Olallie x 998. Perennial. Breeding Material. Plant.

PI 553304 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1278. **pedigree:** 1063 x Austin Thornless. Perennial. Breeding Material. Plant.

PI 553305 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1362. **pedigree:** 1083 x NC 37-35-M2. Perennial. Breeding Material. Plant.

PI 553306. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 16, 1984.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1622. Perennial. Breeding Material. Plant.

PI 553307. Rubus hybrid ROSACEAE Purple Raspberry

Donated by: Swartz, H.J., University of Maryland, Dept. Horticulture, College Park, Maryland, United States. Received July 09, 1984.

origin: United States. **historical origin:** United States. **origin institute:** Iowa State University, Dept. Horticulture, Ames, Iowa 50011. **cultivar:** Amethyst. **pedigree:** Robertson x Cuthbert. **remarks:** Shinier than other purples, excellent dessert quality. Perennial. Cultivar. Plant.

PI 553308. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 25, 1985.

PI 553308-continued

origin: United States. **historical origin:** Australia.
origin institute: Australia Dept. of Agriculture,
Knoxfield Hort. Res. Inst. and the, Potato Research
Station, Healesville, Victoria 3777. **cultivar:** Silvan.
pedigree: ORUS 742 x ORUS 928 (Marion). **other id:**
American Bramble. **other id:** Scoresby Selection.
remarks: High yield, disease tolerance, excellent flavor.
Perennial. Cultivar. Plant.

PI 553309. Rubus hybrid ROSACEAE Blackberry

Donated by: Galletta, G.J., USDA/ARS, BARC-West, Beltsville,
Maryland, United States. Received May 08, 1985.

origin: United States. **historical origin:** United States.
origin institute: USDA/ARS, Southern Illinois University,
Carbondale, Illinois. **cultivar:** Chester. **pedigree:** SIUS
47 x Thornfree. **other id:** SIUS 68-6-17. Perennial.
Cultivar. Plant.

PI 553310. Rubus hybrid ROSACEAE Blackberry

Donated by: Sherman, W.B., University of Florida, Gainesville,
Florida, United States. Received July 17, 1985.

origin: United States. **origin institute:** Fruit Crop Dept
University of Florida, 1137 HS/PP Bldg., Gainesville,
Florida 32611. **pedigree:** Flordagrاند x Oklawaha.
remarks: Seedlings should represent wild heritage of both
parents. Perennial. Breeding Material. Seed.

PI 553311. Rubus hybrid ROSACEAE Blackberry

Donated by: Sherman, W.B., University of Florida, Gainesville,
Florida, United States. Received August 09, 1985.

origin: United States. **origin institute:** University of
Florida, Agricultural Research Station, Gainesville,
Florida. **cultivar:** Oklawaha. **pedigree:** f2 of Regal Ness
x R. trivialis. **other id:** Fla 24. **remarks:** This clone
is a sibling of Flordagrاند. Perennial. Cultivar.
Plant.

PI 553312. Rubus hybrid ROSACEAE Blackberry

Donated by: Sherman, W.B., University of Florida, Gainesville,
Florida, United States. Received August 09, 1986.

PI 553312-continued

origin: United States. **origin institute:** University of Florida, Agricultural Research Station, Gainesville, Florida. **cultivar:** Flordagrand. **pedigree:** Regal Ness x *Rubus trivialis* selection. **other id:** Fla 77. **remarks:** Low winter-chill, recommended for central Fla home gardens. Perennial. Cultivar. Plant.

PI 553313 to 553314. *Rubus* hybrid ROSACEAE Hybrid

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received January 30, 1986.

PI 553313 **origin:** New Zealand. **pedigree:** *R. parvus* x *R. cissoides*, collected wild in New Zealand. **collected:** January 20, 1986. **remarks:** Used as ornamental ground covers in New Zealand. Perennial. Wild. Plant.

PI 553314 **origin:** New Zealand. **origin institute:** Lincoln University, Christchurch. **cultivar:** Lincoln Logan. **pedigree:** Histogenic manipulation of Thornless Loganberry. **remarks:** Breeds for thornless gene. Perennial. Cultivar. Plant.

PI 553315. *Rubus* hybrid ROSACEAE Blackberry

Donated by: Wilhelm, S., Oakland, California, United States. Received February 20, 1986.

origin: United States. **historical origin:** United States. **cultivar:** Lawton. **pedigree:** Uncertain, possibly a selection from the wild. Perennial. Cultivar. Plant.

PI 553316. *Rubus* hybrid ROSACEAE Hybrid

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

origin: United States. **pedigree:** Collected wild, apparently *R. argutus* x *R. cuneifolia*. **collected:** August 05, 1986. **locality:** Boone, in bald area in a saddle that has been grazed. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1500m. **remarks:** Abundant clone, thorny, elongate fruit with large seeds. Perennial. Wild. Seed.

PI 553317. Rubus hybrid ROSACEAE Hybrid

Donated by: Rosati, P., Centro Studi Tecnica Fruitticola, Bologna, Italy. Received October 31, 1986.

origin: Italy. **origin institute:** Centro Studi di Tecnica Fruitticola, Consiglio Nazionale delle Ricerche, Bologna.
pedigree: Non-chimeral thornless Loganberry seedling.
remarks: Genetically thornless, higher cropping than Loganberry. Perennial. Breeding Material. Tissue Culture.

PI 553318. Rubus hybrid ROSACEAE Hybrid

Donated by: Hoffman, T., Gold Beach, Oregon, United States. Received November 07, 1986.

origin: United States. **historical origin:** United Kingdom. **cultivar:** Bendender. **pedigree:** R. trilobus x R. deliciosus. **other id:** English Patent 1589. **group:** FORN. **other id:** R. x tridel. Perennial. Cultivar. Plant.

PI 553319. Rubus hybrid ROSACEAE Blackberry

Donated by: Knight, R., USDA/ARS, Subtropical Hort. Res. Station, Miami, Florida, United States. Received July 27, 1987.

origin: United States. **historical origin:** United States. **origin institute:** University of Arkansas and UEPAE de, Cascata, Brazil, Agricultural Experiment Station, Fayetteville, Arkansas. **cultivar:** Ebano. **pedigree:** F2 of Comanche x (Thornfree x Brazos). **other id:** Black 44. **remarks:** Spine-free, joint release with Brazil. Perennial. Cultivar. Plant.

PI 553320 to 553322. Rubus hybrid ROSACEAE Purple Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received May 12, 1987.

PI 553320 **origin:** United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Success. **pedigree:** Morrison x Taylor. **remarks:** Has potential for very high yields. Berries sweet, with superior flavor, excellent for processing. Perennial. Cultivar. Plant.

PI 553320 to 553322-continued

PI 553321 **origin:** United States. **historical origin:** United States. **origin institute:** Arkansas State University, Agricultural Experiment Station, Fayetteville, Arkansas. **cultivar:** Shawnee. **pedigree:** Cherokee x (Thornfree x Brazos). **other id:** Plant Patent 5686. **group:** PLNT. **other id:** Ark. 730. **remarks:** Adapted to mechanical harvesting. Perennial. Cultivar. Plant.

PI 553322 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Southern Illinois University, Carbondale, Illinois. **cultivar:** Chester. **pedigree:** SUIS 47 x Thornfree. **other id:** SIUS 68-6-17. **other id:** Chester Thornless. Perennial. Cultivar. Plant.

PI 553323 to 553326. Rubus hybrid ROSACEAE Hybrid

Donated by: Wood, G., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received July 31, 1987.

PI 553323 **origin:** United Kingdom. **origin institute:** Scottish Crop Research Institute, Invergowrie, Scotland. **cultivar:** Tummelberry. **pedigree:** Tayberry x SHRI 69102/18 (Tayberry sibling). **other id:** Plant Patent 5697. **group:** PLNT. **other id:** Q 26683. **remarks:** Fruit are slightly smaller than Tayberry. Perennial. Cultivar. Plant.

PI 553324 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** Institute of Horticultural Research, East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Sunberry. **pedigree:** R. ursinus x self tetraploid mutant of Malling Jewel. **other id:** Q 26681. **remarks:** Fruit similar in size to Logan, more deeply colored. Perennial. Cultivar. Plant.

PI 553325 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** Institute of Horticultural Research, East Malling Research Station, Maidstone, Kent, England. **cultivar:** Autumn Bliss. **pedigree:** Complex of R. idaeus, R. arcticus and R. occidentalis lines. **other id:** Plant Patent 6597. **group:** PLNT. **other id:** Q 26680. **remarks:** Large fruit, early primocane crop, extended harvest season, fruit much larger than Heritage, better yielding. Perennial. Cultivar. Plant.

PI 553326 **origin:** United Kingdom. **historical origin:** United Kingdom. **cultivar:** Bedford Thornless. **pedigree:** Believed to be a self of Veitchberry. **other id:** Q 26678. **remarks:** Hexaploid. Late to flower but rapid fruit maturation. Perennial. Cultivar. Plant.

PI 553327 to 553328. Rubus hybrid ROSACEAE Hybrid

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received September 21, 1987.

PI 553327 **origin:** New Zealand. **origin institute:** Lincoln University, Christchurch. **cultivar:** Lincoln Logan. **pedigree:** Histogenic manipulation of Loganberry. **remarks:** Breed for thornless gene. Perennial. Cultivar. Plant.

PI 553328 **origin:** New Zealand. **historical origin:** United States. **cultivar:** Columbian. **pedigree:** Cuthbert seedling selection x Gregg. **other id:** Columbia (?). **remarks:** Large firm fruit, tall vigorous plant, upright, spreading. Perennial. Cultivar. Plant.

PI 553329. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received April 1987.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS Crops Research Division, BARC-West, Beltsville, Maryland. **cultivar:** Thornfree. **pedigree:** (Brainerd x Merton Thornless)x(Merton Thornless x Eldorado). **remarks:** Spineless, canes semi-erect, local market and home garden. Perennial. Cultivar. Plant.

PI 553330 to 553333. Rubus hybrid ROSACEAE Purple Raspberry

Donated by: Kennedy, C.T., Atherton, California, United States. Received December 04, 1987.

PI 553330 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York. **cultivar:** Sodus. **pedigree:** Dundee x Newburgh. **remarks:** Very productive, drought res, susc. to verticillium wilt. Perennial. Cultivar. Plant.

* PI 553331 Rubus allegheniensis Porter ROSACEAE Blackberry
origin: United States. **historical origin:** United States. **cultivar:** White. **pedigree:** Unknown, discovered along a fence row. **local name:** Allegheny Blackberry. **other id:** White Pearl. **other id:** White Knight. **remarks:** Fruits medium to large, oblong, white, translucent and firm, apparently must be pollinated by a black blackberry. Perennial. Cultivar. Plant.

PI 553330 to 553333-continued

PI 553332 **origin:** United States. **historical origin:** UNCERTAIN.
cultivar: Black. Perennial. Cultivar. Plant.

* PI 553333 Rubus allegheniensis Porter ROSACEAE Blackberry
origin: United States. **historical origin:** UNCERTAIN.
cultivar: Pink. **pedigree:** Uncertain. **local name:**
Allegheny Blackberry. Perennial. Cultivar. Plant.

PI 553334. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received January 05, 1988.

origin: United States. **origin institute:** USDA/ARS,
Oregon State University, Corvallis, Oregon. **cultivar:**
Waldo. **pedigree:** ORUS 1122 x ORUS 1367. **other id:** ORUS
2031. **remarks:** Thornless. Perennial. Cultivar. Plant.

PI 553335. Rubus hybrid ROSACEAE Purple Raspberry

Donated by: McGregor, G.R., Victoria Department of Agriculture,
Melbourne, Victoria, Australia. Received June 20, 1988.

origin: Australia. **historical origin:** United States.
cultivar: Columbian. **pedigree:** Probably Cuthbert
seedling x Gregg. **remarks:** Large firm fruit, tall
vigorous plant, upright, spreading. Perennial.
Cultivar. Plant.

PI 553336. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received October 05, 1988.

origin: New Zealand. **historical origin:** United States.
cultivar: Boysen. **pedigree:** Obscure, a selection of R.
ursinus var. loganobaccus. **other id:** Boysenberry.
remarks: Fruit black, flavor very fine, very large
Midseason, vigorous, yields to 4T/A in Oregon.
Perennial. Cultivar. Plant.

PI 553337. Rubus hybrid ROSACEAE Purple Raspberry

Donated by: Kennedy, C.T., Atherton, California, United States.
Received November 29, 1988.

PI 553337-continued

origin: United States. **historical origin:** United States.
cultivar: Columbian. **pedigree:** Cuthbert seedling
selection x Gregg. **remarks:** Large firm fruit, tall
vigorous plant, upright, spreading. Perennial.
Cultivar. Cutting.

PI 553338 to 553339. Rubus hybrid ROSACEAE Blackberry

Donated by: Robbins, J., Washington State University, Western
Washington Exp. Sta., Puyallup, Washington, United States. Received
January 17, 1989.

PI 553338 **origin:** United States. **historical origin:** United States.
cultivar: McLeod. **pedigree:** Marion x Williams, a natural
cross. **remarks:** Vigorous, long and round and hang away
from the thorns. Perennial. Cultivar. Cutting.

PI 553339 **origin:** United States. **origin institute:** USDA/ARS,
Southern Illinois University, Carbondale, Illinois.
cultivar: SIUS 68-6-17. **other id:** Chester. Perennial.
Breeding Material. Cutting.

PI 553340 to 553341. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received March 16, 1989.

PI 553340 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University,
Corvallis, Oregon. **cultivar:** ORUS 1717. **pedigree:**
Selection. **remarks:** Virus-free clone. Perennial.
Breeding Material. Cutting.

PI 553341 **origin:** United States. **origin institute:** Oregon State
University, North Willamette Exp. Sta., Aurora, Oregon.
cultivar: Boysen 43. **pedigree:** Boysen open-pollinated
seedling selection. **remarks:** USDA/OSU small fruit
certified stock Wilson considers this selection to be
superior to Boysen. Perennial. Breeding Material.
Cutting.

PI 553342. Rubus hybrid ROSACEAE Blackberry

Donated by: Eddleman, H., Inst. Ont. Indiana Bio-Lab, RR #2, Box
407, Palmyra, Indiana, United States. Received April 24, 1989.

PI 553342-continued

origin: United States. **historical origin:** United States.
origin institute: USDA/ARS Crops Research Division,
BARC-West, Beltsville, Maryland. **cultivar:** Thornfree.
pedigree: (Brainerd x Merton Thornless)x(Merton Thornless
x Eldorado). **remarks:** For local market and home garden.
Perennial. Cultivar. Cutting.

PI 553343 to 553344. Rubus hybrid ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received June 05, 1989.

PI 553343 **origin:** United States. **historical origin:** United States.
origin institute: University of Arkansas, Arkansas
Agricultural Exp. Sta., Fayetteville, Arkansas.
cultivar: Navaho. **pedigree:** Ark. 583 x Ark. 631. **other
id:** Plant Patent 6679. **group:** PLNT. **other id:** Ark.
1172. **remarks:** The first fully-erect, thornless
blackberry ever developed. Perennial. Cultivar.
Cutting.

PI 553344 **origin:** United States. **historical origin:** United States.
origin institute: University of Arkansas, Arkansas
Agricultural Exp. Sta., Fayetteville, Arkansas.
cultivar: Choctaw. **pedigree:** Ark. 526 x Rosborough.
other id: Plant Patent 6678. **group:** PLNT. **other id:**
Ark. 876. **remarks:** Early-ripening cultivar, very
vigorous and prolific, plants require no trellising.
Perennial. Cultivar. Cutting.

PI 553345. Rubus hybrid ROSACEAE Blackberry

Donated by: Tate, L., Oregon State University, Dept. Horticulture,
Corvallis, Oregon, United States. Received August 16, 1989.

origin: United States. **origin institute:** Oregon State
University, Dept. Horticulture, Corvallis, Oregon 97331.
cultivar: Lincoln Berry. **pedigree:** Obscure, possibly a
selection from the wild. **other id:** Plant Patent 1936.
group: PREV. **remarks:** Wonderful flavor but only stores
about 3 hours, won't ship. Perennial. Cultivar. Plant.

PI 553346 to 553347. Rubus hybrid ROSACEAE Hybrid

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United
States. Received January 12, 1990.

PI 553346 to 553347-continued

PI 553346 **origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon 97333. **pedigree:** Marion x Heritage 4x. Perennial. Breeding Material. Plant.

PI 553347 **origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon 97333. **pedigree:** Tayberry x Heritage 4x. Perennial. Breeding Material. Plant.

PI 553348. Rubus hybrid ROSACEAE Blackberry

Donated by: Nourse Farms, Inc., South Deerfield, Massachusetts, United States. Received March 12, 1990.

origin: United States. **historical origin:** United States. **origin institute:** Nourse Farms Inc., University of Illinois, Champaign, Illinois. **cultivar:** Illini Hardy. **pedigree:** NY 95 x Chester. **other id:** Pending. **group:** PEND. **remarks:** An erect, thorny cultivar that is vigorous and very hardy Fruit medium sized and flavorful. Perennial. Cultivar. Cutting.

PI 553349 to 553351. Rubus hybrid ROSACEAE

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received April 20, 1990.

PI 553349 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 1658 ORUSM 78. Perennial. Breeding Material. Plant.

PI 553350 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** ORUS 1835 ORUSM 38. Perennial. Breeding Material. Plant.

PI 553351 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** Scottish Hort. Res. Inst., Dundee, Scotland. **cultivar:** Tayberry. **pedigree:** Aurora x unnamed tetraploid raspberry selection. **other id:** Plant Patent 4424. **group:** PLNT. **remarks:** Possibly 6x, seems to perform rather poorly compared to raspberries and blackberries. Perennial. Cultivar. Plant.

PI 553352. Rubus hybrid ROSACEAE Purple Raspberry

Donated by: Putensen, C.A., RR 1, Spencer, Iowa, United States.
Received April 18, 1990.

origin: United States. **cultivar:** Rex. **pedigree:** Potomac seedling selection. **other id:** Plant Patent 2898. **group:** PREV. Perennial. Cultivar. Plant.

PI 553353. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received April 24, 1990.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon 97331. **cultivar:** Pacific. **pedigree:** Zielinski x Logan. **remarks:** Adapted to Western Oregon and Washington. Similar if not identical to Cascade. Perennial. Cultivar. Plant.

PI 553354. Rubus hybrid ROSACEAE Blackberry

Donated by: Smith, R., Tillamook, Oregon, United States. Received May 14, 1990.

origin: United States. **cultivar:** Tillamook. **pedigree:** Selected from the wild in Oregon. **other id:** Pending. **group:** PEND. **remarks:** Breeder feels this selection has good potential. Perennial. Cultivar. Plant.

PI 553355. Rubus hybrid ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received June 14, 1990.

origin: United States. **historical origin:** Canada. **origin institute:** W.H. Perron & Co., Quebec. **cultivar:** Perron's Black. **pedigree:** Selected from wild R. canadensis. **locality:** Appalachian plateau of Southern Quebec. **remarks:** Thornless blackberry cultivar. Perennial. Cultivar. Plant.

PI 553356 to 553383. Rubus idaeus L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 23, 1981.

PI 553356 to 553383-continued

- PI 553356 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Canby. **pedigree:** Viking x Lloyd George. **other id:** Thornless Red Raspberry. **other id:** Wonder Thornless. **remarks:** Keeps very well fresh, erect, thornless. Perennial. Cultivar. Plant.
- PI 553357 **origin:** Canada. **origin institute:** Agriculture Canada, Experiment Station, Vancouver, British Columbia. **cultivar:** Chilcotin. **pedigree:** Sumner x Newburgh. **remarks:** Good for long distance shipping to fresh markets. Perennial. Cultivar. Plant.
- PI 553358 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Fairview. **pedigree:** ORUS 782 x Washington. **other id:** USOR 1022. **remarks:** Outlives Willamette on heavy, poorly drained soils Berries medium to large, bright medium red. Perennial. Cultivar. Plant.
- PI 553359 **origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Agassiz, British Columbia. **cultivar:** Haida. **pedigree:** Malling Promise x Creston. **remarks:** More cold hardy and higher yielding than Willamette Fruits medium sized, purple-red, do not crumble readily. Perennial. Cultivar. Plant.
- PI 553360 **origin:** United States. **historical origin:** United Kingdom. **cultivar:** Norfolk Giant. **pedigree:** Chance seedling. **remarks:** Late flowering and ripening, good for processing. Perennial. Cultivar. Plant.
- PI 553361 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Puyallup. **pedigree:** Wasnington x Taylor. **remarks:** Susceptible to mildew and root rot Fruits very large, medium red, fairly firm. Perennial. Cultivar. Plant.
- PI 553362 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Willamette. **pedigree:** Newburgh x Lloyd George. **remarks:** Considered the Northwest's most important cultivar Midseason, vigorous, fruits large, dark red, firm. Perennial. Cultivar. Plant.
- PI 553363 **origin:** Canada. **historical origin:** United States. **cultivar:** Cuthbert. **pedigree:** Chance seedling. **other id:** Hudson River Antwerp. **other id:** Conover. **other id:** Queen of the Market. **remarks:** Erect, ripens evenly through long season. Perennial. Cultivar. Plant.

PI 553356 to 553383-continued

- PI 553364 **origin:** United States. **origin institute:** Iowa State University, Dept. Horticulture, Ames, Iowa 50011. **cultivar:** Liberty. **pedigree:** Sunrise S2 x Newburgh. **other id:** Iowa 32-6227. **remarks:** Berries easily removed, small cavity, multipurpose. Perennial. Cultivar. Plant.
- PI 553365 **origin:** United States. **historical origin:** United States. **origin institute:** USDA-ARS, Experiment Station, Cheyenne, Wyoming. **cultivar:** Pathfinder. **pedigree:** Augustred x R. strigosus. **remarks:** Early summer and fall crops, very cold hardy. Perennial. Cultivar. Plant.
- PI 553366 **origin:** United States. **historical origin:** United States. **cultivar:** St. Regis. **pedigree:** Unknown. **other id:** Ranere. **remarks:** Gives an early autumn crop. Perennial. Cultivar. Plant.
- PI 553367 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Experiment Station, Washington. **cultivar:** Mitra. **pedigree:** Pyne's Royal x Super. **remarks:** Fair resistance to spur blight. Perennial. Cultivar. Plant.
- PI 553368 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Horticultural Research Institute, Vineland Station, Vineland, Ontario LOR 2E0. **cultivar:** Viking. **pedigree:** Cuthbert x Marlboro. **remarks:** Flesh soft, canes smooth, susceptible to rust, mildew. Perennial. Cultivar. Plant.
- PI 553369 **origin:** Canada. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Newburgh. **pedigree:** Newman x Herbert. **remarks:** Grown in NW, very hardy, susceptible to leaf spot, root rot. Perennial. Cultivar. Plant.
- PI 553370 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maryland, Agricultural Experiment Station, College Park, Maryland. **cultivar:** Scepter. **pedigree:** September x Durham. **remarks:** Vigorous, tolerant of fluctuating winter temperatures. Perennial. Cultivar. Plant.
- PI 553371 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maryland, Agricultural Experiment Station, College Park, Maryland. **cultivar:** Citadel. **pedigree:** Mandarin x (Sunrise x ORE 420). **remarks:** Fruit very large, picks with difficulty, resist to leaf spot. Perennial. Cultivar. Plant.

PI 553356 to 553383-continued

- PI 553372 **origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Vancouver, British Columbia. **cultivar:** Nootka. **pedigree:** Carnival x Willamette. **other id:** BC 64-6-142. **remarks:** Winter hardy, immune to aphid vector of mosaic virus Fruits medium sized, dark red, fairly firm. Perennial. Cultivar. Plant.
- PI 553373 **origin:** United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Agricultural Experiment Station, Durham, New Hampshire 03824. **cultivar:** Fallred. **pedigree:** NH 7 x NY 287. **other id:** NH 56-2. **remarks:** Crops continuously on primocanes until frost, vigorous. Perennial. Cultivar. Plant.
- PI 553374 **origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Vancouver, British Columbia. **cultivar:** Skeena. **pedigree:** Creston x Scottish Hort. selection 6010/52. **other id:** BC 65-2-16. **remarks:** Adapted for long distance shipping to fresh markets Midseason, vigorous, fruits medium sized, bright red conic. Perennial. Cultivar. Plant.
- PI 553375 **origin:** United States. **historical origin:** United States. **origin institute:** University of Minnesota, Fruit Breeding Farm, Excelsior, Minnesota. **cultivar:** Latham. **pedigree:** King x Loudon. **other id:** Minn. #4. **remarks:** Large, crumbly fruit, good for processing, virus free stock. Perennial. Cultivar. Plant.
- PI 553376 **origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Ottawa, Ontario. **cultivar:** Madawaska. **pedigree:** Lloyd George x Newmann 23. **other id:** Ottawa 272. **remarks:** Tendency to crumble, medium spiny canes. Perennial. Cultivar. Plant.
- PI 553377 **origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** September. **pedigree:** Marcy x Ranere. **other id:** NY 17438. **remarks:** Does not crumble, summer crop fair, fall crop good quality. Perennial. Cultivar. Plant.
- PI 553378 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Indian Summer. **pedigree:** (Empire x Herbert) x Lloyd George. **remarks:** Crumbles, frequently used for jam, home gardens. Perennial. Cultivar. Plant.

PI 553356 to 553383-continued

- PI 553379 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, North Carolina State University, Raleigh, North Carolina 27650. **cultivar:** Southland. **pedigree:** NC 237 x MD S420-5. **other id:** NC 223. **remarks:** Firm flesh, home garden and commercial use. Perennial. Cultivar. Plant.
- PI 553380 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Washington. **pedigree:** Cuthbert x Lloyd George. **remarks:** Resistant to western yellow rust, escapes mosaic infection. Perennial. Cultivar. Plant.
- PI 553381 **origin:** United States. **historical origin:** United Kingdom. **cultivar:** Baumforth Sd.A. **pedigree:** Fillbasket seedling selection. **remarks:** Good for jams, good disease resistance, very spiny. Perennial. Cultivar. Plant.
- PI 553382 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Heritage. **pedigree:** (Milton x Cuthbert) x Durham. **other id:** NY 696. **remarks:** Erect, sturdy primocanes, hardy, suckers prolifically. Perennial. Cultivar. Plant.
- PI 553383 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maryland, Agricultural Experiment Station, College Park, Maryland. **cultivar:** Sentry. **pedigree:** Sunrise x Taylor. **remarks:** Very resistant to injury from fluctuating winter temperature. Perennial. Cultivar. Plant.

PI 553384. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States.
Received March 25, 1984.

origin: United States. **historical origin:** United States. **origin institute:** Washington State University, Experiment Station, Puyallup, Washington 98371. **cultivar:** Meeker. **pedigree:** Willamette x Cuthbert. **other id:** WSU 408. **remarks:** Very large, red fruit, excellent for the home garden Midseason to late, moderate vigor, yields to 6T/A. Perennial. Cultivar. Plant.

PI 553385. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States.
Received February 08, 1985.

origin: United States. **origin institute:** University of Maryland, Agricultural Experiment Station, College Park, Maryland. **cultivar:** Reveille. **pedigree:** (Indian Summer x Sunrise) x September. **remarks:** Red, very large fruit, too soft for commercial. Perennial. Cultivar. Plant.

PI 553386 to 553388. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received November 18, 1981.

PI 553386 **origin:** Yugoslavia. **origin institute:** Research Institute PKB-Agroeconomic, Fruit and Grape Research Station, Bolec, Beograd 11307. **cultivar:** M-51-71 (Serbia). **pedigree:** Selection from wild *R. idaeus* collected in Serbia. Perennial. Breeding Material. Plant.

PI 553387 **origin:** Yugoslavia. **origin institute:** Research Institute PKB-Agroeconomic, Fruit and Grape Research Station, Bolec, Beograd 11307. **cultivar:** M-46-71 (Serbia). **pedigree:** Selection from wild *R. idaeus* collected in Serbia. Perennial. Breeding Material. Plant.

PI 553388 **origin:** Yugoslavia. **origin institute:** Research Institute PKB-Agroeconomic, Fruit and Grape Research Station, Bolec, Beograd 11307. **cultivar:** M-52-71 (Serbia). **pedigree:** Selection of wild *R. idaeus* from Serbia. Perennial. Breeding Material. Plant.

PI 553389 to 553390. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States.
Received January 04, 1983.

PI 553389 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maryland, College Park, Maryland. **cultivar:** Sentinel. **pedigree:** Sunrise x Milton. **remarks:** Resists injury from fluctuating winter temperatures. Perennial. Cultivar. Plant.

PI 553390 **origin:** Canada. **historical origin:** United States. **origin institute:** Washington State University, Experiment Station, Washington. **cultivar:** Miranda. **pedigree:** Pyne's Royal x Marlboro. Perennial. Cultivar. Plant.

PI 553391. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received February 02, 1982.

origin: United States. **historical origin:** Canada.
origin institute: Agriculture Canada, Agricultural Research Station, Agassiz, British Columbia. **cultivar:** Matsqui. **pedigree:** Sumner x Carnival. **other id:** 59-17-61. **other id:** BC 202. **remarks:** Hardier and more tolerant to root rot than Willamette. Perennial. Cultivar. Plant.

PI 553392 to 553398. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received October 11, 1982.

PI 553392 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **pedigree:** Open pollinated seed of Malling Joy. Perennial. Breeding Material. Seed.

PI 553393 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **pedigree:** Open pollinated seed of Malling Leo. Perennial. Breeding Material. Seed.

PI 553394 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Faversham, Kent, England. **pedigree:** Open pollinated seed of Glen Cova. Perennial. Breeding Material. Seed.

PI 553395 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **pedigree:** Open pollinated seed of Malling Delight. Perennial. Breeding Material. Seed.

PI 553396 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **pedigree:** Open pollinated seed of Malling Promise. Perennial. Breeding Material. Seed.

PI 553397 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** 3655/15. **pedigree:** Open-pollinated seedling selection. Perennial. Breeding Material. Seed.

PI 553392 to 553398-continued

PI 553398 **origin:** United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Selection of OP seed of selection 3655/47. Perennial. Breeding Material. Plant.

PI 553399 to 553403. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jennings, D.L., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received July 01, 1982.

PI 553399 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** February 1982. **locality:** Glen Cova at Coddon. **latitude:** 59 deg. N. **longitude:** 04 deg. W. **elevation:** 230m. Perennial. Wild. Seed.

PI 553400 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** 1982. **locality:** Glen Clova at Kilburn, Western side. **latitude:** 59 deg. N. **longitude:** 04 deg. W. **elevation:** 250m. Perennial. Wild. Seed.

PI 553401 **origin:** United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Scottish seedlot CRUB 1510. Perennial. Breeding Material. Plant.

PI 553402 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** 1982. **locality:** North end, Glen Esk. **latitude:** 59 deg. N. **longitude:** 04 deg. W. **elevation:** 240m. Perennial. Wild. Seed.

PI 553403 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** 1982. **locality:** Glenn Doll north of Kerrienun. **latitude:** 59 deg. N. **longitude:** 04 deg. W. **elevation:** 240m. Perennial. Wild. Seed.

PI 553404. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jennings, D.L., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received February 01, 1982.

origin: United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Scottish seedlot CRUB 1511. Perennial. Breeding Material. Plant.

PI 553405 to 553407. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 01, 1982.

PI 553405 **origin:** United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Scottish seedlot CRUB 1512. Perennial. Breeding Material. Plant.

PI 553406 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **locality:** South Esk, Glen Doll. **latitude:** 59 deg. N. **longitude:** 04 deg. W. **elevation:** 240m. Perennial. Wild. Seed.

PI 553407 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **locality:** Glen Cova at LaRottal. **latitude:** 59 deg. N. **longitude:** 04 deg. W. **elevation:** 160m. Perennial. Wild. Seed.

PI 553408. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Chandler, J., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 30, 1981.

* *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** American Red Raspberry.
collected: August 30, 1981. **locality:** Anaconda.
latitude: 46 deg. 07 min. N. **longitude:** 113 deg. W.
elevation: 1800m. Perennial. Wild. Plant.

PI 553409 to 553410. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received December 20, 1982.

PI 553409 **origin:** United Kingdom. **historical origin:** Finland. **origin institute:** Horticultural Research Institute, Piikkio, England. **cultivar:** Heija. **pedigree:** Merva x Malling Promise. Perennial. Cultivar. Plant.

PI 553410 **origin:** United Kingdom. **cultivar:** Phoenix. **remarks:** Dark red, firm berries, inclined to crumble. Perennial. Cultivar. Plant.

PI 553411 to 553429. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received February 02, 1983.

- PI 553411 **origin:** United States. **cultivar:** Pursley. **pedigree:** Chance seedling. **remarks:** Primocane-fruiting. Perennial. Cultivar. Plant.
- PI 553412 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 892. **pedigree:** Rote Reisen x Willamette. Perennial. Breeding Material. Plant.
- PI 553413 **origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York. **cultivar:** NY 287. Perennial. Breeding Material. Plant.
- PI 553414 **origin:** United States. **origin institute:** USDA-ARS, University of Maryland, College Park, Maryland. **cultivar:** MD-320-N. Perennial. Breeding Material. Plant.
- PI 553415 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Exploit. **pedigree:** Newburgh x (Lloyd George selfed x Pyne's Royal selfed). **remarks:** Adapted to heavy poorly drained soil, matures early. Perennial. Cultivar. Plant.
- PI 553416 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1028. **pedigree:** Washington x Mt. Mitchell. Perennial. Breeding Material. Plant.
- PI 553417 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1153. **pedigree:** Willamette x OSC 1028. Perennial. Breeding Material. Plant.
- PI 553418 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1094. **pedigree:** OSC 1028 x Willamette. Perennial. Breeding Material. Plant.
- PI 553419 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1156. **pedigree:** Willamette x OSC 1028. Perennial. Breeding Material. Plant.

PI 553411 to 553429-continued

- PI 553420 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1088. **pedigree:** OSC 1028 x Willamette. Perennial. Breeding Material. Plant.
- PI 553421 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1029. **pedigree:** Washington x Mt. Mitchell. Perennial. Breeding Material. Plant.
- PI 553422 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1314. **pedigree:** 782 X 1034. Perennial. Breeding Material. Plant.
- PI 553423 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1341. Perennial. Breeding Material. Plant.
- PI 553424 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1448. **pedigree:** Promise x 1110. Perennial. Breeding Material. Plant.
- PI 553425 **origin:** United States. **historical origin:** United States. **origin institute:** Mississippi State University, Agricultural Experiment Station, Mississippi 39762. **cultivar:** Dormanred. **pedigree:** R. parvifolius x Dorsett. **other id:** Miss. 158. **remarks:** Adapted to Miss., tolerates high summer temps, good freezing. Perennial. Cultivar. Plant.
- PI 553426 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1514. **pedigree:** Canby x 1094. Perennial. Breeding Material. Plant.
- PI 553427 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1510. **pedigree:** Canby x 1094. Perennial. Breeding Material. Plant.
- PI 553428 **origin:** United States. **historical origin:** Switzerland. **origin institute:** Eidgenossische Versuchsanstalt, fur Obst-, Wein-, und Gartenbau, Wadenswil, Oregon. **cultivar:** Zeva Herbststernte. **pedigree:** (Indian Summer x Romy) x Romy. **other id:** Zeva 3. **other id:** Zeva Remontant. **other id:** Zeva. **remarks:** Primocane fruiting, late maturing, "autumn cropper". Perennial. Cultivar. Plant.

PI 553411 to 553429-continued

PI 553429 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1402. **pedigree:** NY 148 X 1088. Perennial. Breeding Material. Plant.

PI 553430 to 553435. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jennings, D.L., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received February 22, 1983.

PI 553430 **origin:** United Kingdom. **cultivar:** Rose de Cote d'Or. **pedigree:** Seedling selection. Perennial. Cultivar. Plant.

PI 553431 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Leo. **pedigree:** Complex of many raspberry cultivars. **remarks:** Good processing berry, moderate cropper of large fruit. Perennial. Cultivar. Plant.

PI 553432 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Delight. **pedigree:** Complex of many raspberry cultivars. Perennial. Cultivar. Plant.

PI 553433 **origin:** United Kingdom. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Admiral. **pedigree:** Complex of several raspberry cultivars. Perennial. Cultivar. Plant.

PI 553434 **origin:** United Kingdom. **origin institute:** Scottish Crop Research Inst., Invergowrie, Scotland. **cultivar:** Glen Esk. **pedigree:** Complex of several raspberry cultivars. Perennial. Cultivar. Plant.

PI 553435 **origin:** United Kingdom. **cultivar:** Burnetholm. **pedigree:** Chance seedling. **remarks:** Primocane fruiting, firm texture, good for fresh market. Perennial. Cultivar. Plant.

PI 553436. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received March 22, 1983.

* Rubus sp. ROSACEAE Raspberry
origin: United States. **origin institute:** USDA/ARS,
Oregon State University, Corvallis, Oregon 97331.
cultivar: ORUS 993. **pedigree:** Rote Reisen x Willamette.
Perennial. Breeding Material. Plant.

PI 553437 to 553438. Rubus idaeus L. ROSACEAE Raspberry

Donated by: Callan, N., Western Agric. Res. Center, 531 NE Quast
Lane, Corvallis, Montana, United States. Received June 13, 1983.

PI 553437 **origin:** United States. **cultivar:** Polson No.1. **pedigree:**
Chance seedling. **remarks:** Very hardy. Perennial.
Breeding Material. Plant.

PI 553438 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS, Cheyenne, Wyoming. **cultivar:**
Pathfinder. **pedigree:** Augustred x R. strigosus.
Perennial. Cultivar. Plant.

PI 553439 to 553443. Rubus idaeus L. ROSACEAE Raspberry

Donated by: Daubeney, H.A., Agriculture Canada, Research Station,
6660 NW Marine Drive, Vancouver, British Columbia, Canada. Received
March 30, 1983.

PI 553439 **origin:** Canada. **historical origin:** Canada. **origin**
institute: Agriculture Canada, Agricultural Research
Station, Ottawa, Ontario. **cultivar:** Thames. **pedigree:**
Lloyd George x Newman 23. **other id:** Ottawa 271.
remarks: Holds color well after picking, canes tall
strong, unproductive. Perennial. Cultivar. Plant.

PI 553440 **origin:** Canada. **historical origin:** Canada. **origin**
institute: Agriculture Canada, Agricultural Research
Station, Ontario. **cultivar:** Delmes. Perennial.
Cultivar. Plant.

PI 553441 **origin:** Canada. **historical origin:** United Kingdom.
cultivar: St. Walfried. **pedigree:** Lloyd George x Hornet.
remarks: Susceptible to spring frost, hard estab., hard
to pick. Perennial. Cultivar. Plant.

PI 553442 **origin:** United States. **origin institute:** USDA/ARS,
Oregon State University, Corvallis, Oregon 97331.
cultivar: ORUS 769. **pedigree:** OSC 420 x Cuthbert.
Perennial. Breeding Material. Plant.

PI 553439 to 553443-continued

PI 553443 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1308. **pedigree:** 782 x 954. Perennial. Breeding Material. Plant.

PI 553444 to 553445. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 06, 1984.

PI 553444 **origin:** United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Agricultural Experiment Station, Durham, New Hampshire. **cultivar:** Durham. **pedigree:** Taylor x Nectar Blackberry. **remarks:** Fall bearing, very vigorous bush, cold hardy. Perennial. Cultivar. Plant.

PI 553445 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Puyallup. **pedigree:** Washington x Taylor. **remarks:** Fruits very large, medium red, fairly firm with large drupelets. Suitable for fresh market and processing. Perennial. Cultivar. Plant.

PI 553446 to 553452. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received May 06, 1983.

PI 553446 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Marcy. **pedigree:** Lloyd George x Newman 23. **remarks:** Fruit very large, firm, bush habit, for home garden use. Perennial. Cultivar. Plant.

PI 553447 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Hilton. **pedigree:** Newburgh x St Walfried. **other id:** NY 183. **remarks:** Like Lloyd George, bush productive, vigorous, long conic fruit. Perennial. Cultivar. Plant.

PI 553446 to 553452-continued

- PI 553448 **origin:** United States. **historical origin:** Canada. **cultivar:** Newman. **pedigree:** Chance seedling. **remarks:** No longer in commercial production, susceptible to mosaic. Perennial. Cultivar. Plant.
- PI 553449 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Ottawa, Ontario. **cultivar:** Trent. **pedigree:** Newman 23 x Lloyd George. **other id:** Ottawa 264. **remarks:** Hardy, productive, susceptible to mildew, tends to crumble. Perennial. Cultivar. Plant.
- PI 553450 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Milton. **pedigree:** Lloyd George x Newburgh. **remarks:** Ripens late, productive, resistant to mosaic. Perennial. Cultivar. Plant.
- PI 553451 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Sumner. **pedigree:** Washington x Tahoma. **remarks:** Very hardy, resistant to root rot and mildew. Fruits medium sized, bright red, fairly firm. Perennial. Cultivar. Plant.
- PI 553452 **origin:** United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Agric. Exper. Sta., Durham, New Hampshire. **cultivar:** Prestige. **pedigree:** f2 (Taylor x *R. pungens oldhamii*). **other id:** NH TXP-15. **remarks:** Berries medium sized, bright red and tart, pleasant flavor, early ripening, drupelets large, easily separated from torus. Perennial. Cultivar. Plant.

PI 553453. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Hannan, R., USDA/ARS/W-6 Plant Intro. Station, Washington State University, Pullman, Washington, United States. Received August 26, 1983.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** Red Raspberry. **collected:** August 13, 1983. **locality:** Along Patterson Creek. **latitude:** 44 deg. 05 min. N. **longitude:** 113 deg. 06 min. W. **elevation:** 352m. **remarks:** Plants 3 ft tall, berries range from yellow to dark red. Perennial. Wild. Seed.

PI 553454. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Craig, D.L., Agriculture Canada, Kentville Research Station, Kentville, Nova Scotia, Canada. Received December 19, 1983.

origin: Canada. **historical origin:** United Kingdom.
origin institute: East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Joy.
pedigree: Complex of many raspberry cultivars. **remarks:** Very late ripening selection from black raspberry. Perennial. Cultivar. Plant.

PI 553455 to 553463. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 22, 1983.

PI 553455 **origin:** United States. **historical origin:** Canada.
cultivar: Newman. **pedigree:** Chance seedling. **other id:** Newman 23. **remarks:** No longer in commercial production, susceptible to mosaic. Perennial. Cultivar. Plant.

PI 553456 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** Fairview. **pedigree:** ORUS 782 x Washington. **other id:** USOR 1022. **remarks:** Medium large fruit, suitable frozen, vigorous, high producer Berries medium to large, bright medium red. Perennial. Cultivar. Plant.

PI 553457 **origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Goldenwest.
pedigree: Cuthbert x Lloyd George. **remarks:** Yellow-pink, small fruit, very productive, disease-resistant. Perennial. Cultivar. Plant.

PI 553458 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS, New Jersey Agriculture Exp. Sta., Beltsville, Maryland. **cultivar:** Sunrise.
pedigree: Latham x Ranere. **remarks:** Early maturity, does not crumble, flesh fine quality. Perennial. Cultivar. Plant.

PI 553459 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** Scottish Crop Research Inst., Invergowrie, Scotland. **cultivar:** Glen Clova. **pedigree:** Complex of several cultivars. **remarks:** Medium sized, firm fruit of good quality. Perennial. Cultivar. Plant.

PI 553455 to 553463-continued

PI 553460 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Exploit. **pedigree:** Newburgh x (Lloyd George selfed f2 x Pyne's Royal selfed). **remarks:** Large firm flesh, tolerant of heavy soil. Perennial. Cultivar. Plant.

PI 553461 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Promise. **pedigree:** Newburgh x (Pyne's Royal selfed x Lloyd George selfed). **remarks:** Fruit quality good, ripens early, high yielding. Perennial. Cultivar. Plant.

PI 553462 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Ottawa, Ontario. **cultivar:** Rideau. **pedigree:** Lloyd George x Newman. **other id:** Ottawa. **remarks:** Small conic firm flesh, good shipper, hardy, productive. Perennial. Cultivar. Plant.

PI 553463 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Delight. **pedigree:** Complex of several cultivars. **remarks:** Satisfactory for home gardens. Perennial. Cultivar. Plant.

PI 553464. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Daubeney, H.A., Agriculture Canada, Research Station, 6660 NW Marine Drive, Vancouver, British Columbia, Canada. Received January 11, 1983.

origin: Canada. **historical origin:** Australia. **cultivar:** Defiance. **pedigree:** Red Antwerp x Fillbasket. **other id:** Defiant. **other id:** Defiance. Perennial. Cultivar. Plant.

PI 553465 to 553473. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Daubeney, H.A., Agriculture Canada, Research Station, 6660 NW Marine Drive, Vancouver, British Columbia, Canada. Received January 11, 1984.

PI 553465 **origin:** Canada. **cultivar:** Creston. **pedigree:** Unknown, possibly a selection from the wild. **other id:** 151. **remarks:** Large, conical, firm fruit, canes smooth, disease tolerant. Perennial. Cultivar. Plant.

PI 553465 to 553473-continued

* PI 553466 *Rubus crataegifolius* Bunge ROSACEAE Raspberry
origin: Canada. historical origin: UNCERTAIN. cultivar:
Jokgal. pedigree: Uncertain. Perennial. Cultivar.
Plant.

PI 553467 origin: Canada. historical origin: Norway. origin
institute: Njos Experiment Station, Njos, British
Columbia. cultivar: Norna. pedigree: Preussen x Lloyd
George. collected: December 30, 1983. remarks: Canes
erect, fruit large, yield high, very crumbly drupelets.
Perennial. Cultivar. Plant.

PI 553468 origin: Canada. historical origin: Bulgaria. cultivar:
Rubin Bulgarski. pedigree: Lloyd George x Preussen.
collected: December 30, 1983. other id: Bulgarian Rubin.
other id: Rubin. Perennial. Cultivar. Plant.

PI 553469 origin: Canada. historical origin: Germany. cultivar:
Schoenemann. pedigree: Lloyd George x Preussen.
remarks: Main German cultivar, vigorous, late ripening.
Perennial. Cultivar. Plant.

PI 553470 origin: Canada. historical origin: United States.
origin institute: Washington State University, Experiment
Station, Puyallup, Washington. cultivar: Tahoma.
pedigree: Latham x Lloyd George. remarks: Flavor good
but sour, early dormant, resistant to rust. Perennial.
Cultivar. Plant.

PI 553471 origin: Canada. historical origin: Norway. origin
institute: Njos Experiment Station, Njos, British
Columbia. cultivar: Vetten. pedigree: Asker x Lloyd
George. Perennial. Cultivar. Plant.

PI 553472 origin: Canada. historical origin: Switzerland. origin
institute: Eidgenossische Forschungsanstalt, Wädenswil,
British Columbia. cultivar: Zeva Remontante. pedigree:
(Romy x Indian Summer) backcross to Romy. other id: Zeva
Herbsternte. other id: Zeva Remontant. other id: Zeva.
remarks: Produces an early Autumn crop, primocane
fruiting. Perennial. Cultivar. Plant.

PI 553473 origin: Canada. historical origin: UNCERTAIN. cultivar:
Zzopska Alena. other id: Sopska Alena. Perennial.
Cultivar. Plant.

PI 553474 to 553475. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept.
Horticulture, Corvallis, Oregon, United States. Received January
11, 1984.

PI 553474 to 553475-continued

PI 553474 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1699. **pedigree:** 1094 x 1308. Perennial. Breeding Material. Plant.

PI 553475 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1401. **pedigree:** NY 148 X 1088. Perennial. Breeding Material. Plant.

PI 553476. *Rubus idaeus* L. ROSACEAE Raspberry.

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 16, 1984.

origin: United States. **historical origin:** United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington 98371. **cultivar:** Puyallup. **pedigree:** Washington x Taylor. **remarks:** Flesh mild sweet firm, hardy, vigorous Fruits very large, medium red, fairly firm. Perennial. Cultivar. Plant.

PI 553477. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Bienz, D., Washington State University, Plant Introduction Station, Pullman, Washington, United States. Received March 06, 1984.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** Red Raspberry. **collected:** September 02, 1983. **locality:** Shoshone Co. **latitude:** 47 deg. 30 min. N. **longitude:** 116 deg. W. **remarks:** Everbearing on old canes. Perennial. Wild. Seed.

PI 553478 to 553480. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Allen, W., Agriculture Canada, Vineland Station, Vineland, Ontario, Canada. Received March 15, 1984.

PI 553478 **origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Ottawa, Ontario. **cultivar:** Festival. **pedigree:** Muskoka x Trent. **remarks:** Free of Rubus stunt, good for jam and freezing. Perennial. Cultivar. Cutting.

PI 553478 to 553480-continued

PI 553479 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Morden, Manitoba. **cultivar:** Killarney. **pedigree:** Chief x Indian Summer. **other id:** Morden 532. **remarks:** Free of Rubus stunt, excellent dessert quality. Perennial. Cultivar. Cutting.

PI 553480 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Kentville, Nova Scotia. **cultivar:** Nova. **pedigree:** Southland x Boyne. **remarks:** Free of Rubus stunt virus. Fruit large-sized, bright red, firm with good flavor and cohesion. Perennial. Cultivar. Cutting.

PI 553481. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Allen, W., Agriculture Canada, Vineland Station, Vineland, Ontario, Canada. Received March 15, 1983.

origin: Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Ottawa, Ontario. **cultivar:** Carnival. **pedigree:** Ottawa x Rideau. **other id:** Ottawa 382. **remarks:** Free of Rubus stunt, productive, susceptible to mildew. Perennial. Cultivar. Cutting.

PI 553482 to 553483. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Davis, A., Washington State University, Agronomy Department, Pullman, Washington, United States. Received April 02, 1984.

* PI 553482 *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **historical origin:** UNCERTAIN.
pedigree: Uncertain. **local name:** American Red Raspberry.
Perennial. Uncertain. Plant.

* PI 553483 *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **historical origin:** UNCERTAIN.
pedigree: Uncertain. **local name:** American Red Raspberry.
Perennial. Uncertain. Plant.

PI 553484 to 553485. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 02, 1984.

PI 553484 to 553485-continued

PI 553484 **origin:** Poland. **pedigree:** Collected from the wild in Poland. **collected:** July 26, 1984. **locality:** Grojec Warsaw University Agricultural Station. **latitude:** 51 deg. 50 min. N. **longitude:** 28 deg. 58 min. E. **elevation:** 100m. **remarks:** Canes about 2 M tall, injury on fruiting canes, poor set. Perennial. Wild. Seed.

PI 553485 **origin:** Poland. **pedigree:** Collected from the wild in Poland. **collected:** July 28, 1984. **locality:** Szczecinek Blueberry Research Station. **latitude:** 53 deg. 43 min. N. **longitude:** 16 deg. 41 min. E. **elevation:** 75m. **remarks:** Canes up to 1 M tall, new canes vigorous, light set. Perennial. Wild. Seed.

PI 553486. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: University of Alberta, Devonian Botanical Garden, Edmonton, Alberta, Canada. Received November 07, 1984.

origin: Canada. **pedigree:** Open pollinated from botanical garden. **collected:** 1984. Perennial. Cultivated. Seed.

PI 553487 to 553488. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 25, 1985.

PI 553487 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** Amity. **pedigree:** (Fallred x ORUS 1347) x (Malling 791/45 x Heritage). **remarks:** Vigorous, self supporting canes, firm fruit, nearly thornless. Perennial. Cultivar. Plant.

PI 553488 **origin:** United States. **historical origin:** Italy. **origin institute:** Istituto de Coltivazioni Arboree, Dell'Universita di Torino, Torino, Oregon 10126. **cultivar:** Rossana. Perennial. Cultivar. Plant.

PI 553489 to 553492. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

PI 553489 to 553492-continued

PI 553489 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 14, 1985. **locality:** Biological Research Station, near Konnevesi. **latitude:** 63 deg. N. **longitude:** 28 deg. E. **elevation:** 100m. **remarks:** Typical of species, 2m tall, some variation in thorniness. Perennial. Wild. Seed.

PI 553490 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 09, 1985. **locality:** Mustila Arboretum, Helsinki. **latitude:** 60 deg. 10 min. N. **longitude:** 25 deg. E. **elevation:** 70m. **remarks:** Typical of sp., 1.5 m tall, common but limited ripe fruit. Perennial. Wild. Seed.

PI 553491 **origin:** Norway. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Norse seedlot CRUB 1531. Perennial. Breeding Material. Plant.

PI 553492 **origin:** Norway. **pedigree:** Collected from the wild in Norway. **collected:** July 27, 1985. **locality:** Bergen, in open deciduous forest. **latitude:** 62 deg. 24 min. N. **longitude:** 24 deg. 12 min. E. **elevation:** 40m. **remarks:** Plants variable for thorniness, fruit color. Perennial. Wild. Seed.

PI 553493. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received March 18, 1986.

origin: United States. **origin institute:** North Carolina State University, Dept. Hort. Sci., Raleigh, North Carolina 27695-7609. **cultivar:** Mandarin. **pedigree:** (*Rubus parvifolius* x Taylor) x Newburgh. **remarks:** More res. to Septoria leafspot and high temps than most var. Perennial. Cultivar. Plant.

PI 553494. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received July 08, 1986.

PI 553494-continued

origin: United States. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Jewel. **pedigree:** Preussen x (Pyne's Royal selfed x Lloyd George selfed). **remarks:** Very good quality fruit. Perennial. Cultivar. Plant.

PI 553495. *Rubus idaeus* L. ROSACEAE Yellow Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received June 18, 1986.

origin: United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York. **cultivar:** Amber. **pedigree:** Taylor x Cuthbert. **remarks:** Fruit large, amber, sweet, good for home garden use. Perennial. Cultivar. Plant.

PI 553496. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 16, 1986.

origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** Red Raspberry. **collected:** August 25, 1986. **locality:** Chena River State Recreational Area. **latitude:** 64 deg. 50 min. N. **longitude:** 146 deg. 30 min. W. **elevation:** 220m. **remarks:** Typical, to 1.5m, few fruit remaining. Perennial. Wild. Seed.

PI 553497. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received May 12, 1987.

origin: United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** August Red. **pedigree:** Complex of several cultivars. Perennial. Cultivar. Plant.

PI 553498 to 553500. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

PI 553498 to 553500-continued

PI 553498 **origin:** Yugoslavia. **pedigree:** Collected from the wild in Yugoslavia. **locality:** Serbia. **latitude:** 44 deg. N. **longitude:** 20 deg. E. **elevation:** 1000m. Perennial. Wild. Seed.

PI 553499 **origin:** Yugoslavia. **pedigree:** Collected from the wild in Yugoslavia. **locality:** Serbia. **latitude:** 44 deg. N. **longitude:** 20 deg. E. **elevation:** 1000m. Perennial. Wild. Seed.

PI 553500 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **locality:** Skye. Perennial. Wild. Seed.

PI 553501. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received September 21, 1987.

origin: New Zealand. **historical origin:** Belgium.
cultivar: Red Antwerp. Perennial. Cultivar. Plant.

PI 553502 to 553504. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received January 05, 1988.

PI 553502 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** Summit. **pedigree:** (Fallred x ORUS 1347) x (NY600 x ORUS 1347). **other id:** ORUS 2033. **remarks:** Plants vigorous, fruit medium-sized, orange with pink base. Perennial. Cultivar. Plant.

PI 553503 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Vancouver, British Columbia. **cultivar:** Chilliwack. **pedigree:** Skeena x (Summer x Carnival). **other id:** BC 74-10-81. **remarks:** Ideal for fresh sale, excellent bright color. Perennial. Cultivar. Plant.

PI 553504 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Vancouver, British Columbia. **cultivar:** Comox. **pedigree:** Skeena x (Creston x Willamette). **remarks:** Extremely productive cultivar. Perennial. Cultivar. Plant.

PI 553505. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United States. Received February 12, 1988.

origin: United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Exploit 4n. **pedigree:** 4n form of Malling Exploit. **remarks:** Very cold-hardy. Perennial. Breeding Material. Plant.

PI 553506. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Robbins, J., Washington State University, Western Washington Exp. Sta., Puyallup, Washington, United States. Received March 17, 1988.

origin: United States. **origin institute:** Washington State University, Agricultural Extension Station, Puyallup, Washington. **cultivar:** Sumner. **pedigree:** Washington x Tahoma. **other id:** ORUS M139 (?). **remarks:** Fruits medium sized, bright red, fairly firm, good for processing and fresh market. Perennial. Cultivar. Plant.

PI 553507. *Rubus idaeus* L. ROSACEAE Yellow Raspberry

Donated by: McCoy, R., Champlain Isle Agro Associates, Isle La Motte, Vermont, United States. Received April 04, 1988.

origin: United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Durham, New Hampshire. **cultivar:** Fallgold. **pedigree:** [NH 56-1 x (Taylor x *R. pungens oldhamii*) F2 OP]. Perennial. Cultivar. Plant.

PI 553508 to 553517. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Robbins, J., Washington State University, Western Washington Exp. Sta., Puyallup, Washington, United States. Received April 08, 1988.

PI 553508 **origin:** United States. **historical origin:** United States. **origin institute:** University of Minnesota, Fruit Breeding Farm, Minnesota. **cultivar:** Chief. **pedigree:** Latham x Newburg (?). **remarks:** Cold hardy. Perennial. Cultivar. Plant.

PI 553509 **origin:** United States. **cultivar:** Colossus. **remarks:** Fruit red, large, soft, bush vigorous. Perennial. Cultivar. Plant.

PI 553508 to 553517-continued

- PI 553510 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** Scottish Crop Res. Institute, Invergowrie, Scotland. **cultivar:** Glen Isla. **pedigree:** Complex of several cultivars. Perennial. Cultivar. Plant.
- PI 553511 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** Scottish Crop Res. Institute, Invergowrie, Scotland. **cultivar:** Glen Prosen. **pedigree:** Complex of several cultivars. **remarks:** Spine-free, high-yielding, moderately vigorous. Perennial. Cultivar. Plant.
- PI 553512 **origin:** United States. **historical origin:** Yugoslavia. **origin institute:** Fruit Research Institute, Cacak, Washington. **cultivar:** Gradinia. **pedigree:** Malling Exploit x Rubin. **remarks:** Sibling of Krupna Dvorda. Perennial. Cultivar. Plant.
- PI 553513 **origin:** United States. **historical origin:** Yugoslavia. **origin institute:** Fruit Research Institute, Cacak, Washington. **cultivar:** Krupna Dvorda. **pedigree:** Malling Exploit x Rubin. **remarks:** Good fruit size and quality. Sibling of Gradinia. Perennial. Cultivar. Plant.
- PI 553514 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Orion. **pedigree:** Complex of several cultivars. Perennial. Cultivar. Plant.
- PI 553515 **origin:** United States. **historical origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** Malling Enterprise. **pedigree:** Preussen x (Pynes Royal selfed x Lloyd George selfed). Perennial. Cultivar. Plant.
- PI 553516 **origin:** United States. **historical origin:** United States. **origin institute:** Virginia State University, Agricultural Experiment Station, Blacksburg, Virginia. **cultivar:** Pocahontas. **pedigree:** Hilton x (Taylor x St. Regis). Perennial. Cultivar. Plant.
- PI 553517 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS and, North Carolina State University, Agricultural Experiment Station, Raleigh, North Carolina. **cultivar:** Southland. **pedigree:** NC 237 x Md. S420-5, a complex hybrid involving several spp. **remarks:** Recommended for home garden and commercial use. Perennial. Cultivar. Plant.

PI 553518 to 553522. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received May 04, 1988.

* PI 553518 *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University,
Corvallis, Oregon. **pedigree:** Uncertain. **local name:**
American Red Raspberry. Perennial. Breeding Material.
Plant.

PI 553519 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University,
Corvallis, Oregon. Perennial. Breeding Material.
Plant.

PI 553520 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University,
Corvallis, Oregon. Perennial. Breeding Material.
Plant.

* PI 553521 *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University,
Corvallis, Oregon. **pedigree:** Uncertain. **local name:**
American Red Raspberry. Perennial. Breeding Material.
Plant.

* PI 553522 *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University,
Corvallis, Oregon. **pedigree:** Uncertain. **local name:**
American Red Raspberry. Perennial. Breeding Material.
Plant.

PI 553523 to 553524. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Baumann, G., IFOGU, Bonn, Germany. Received March 06, 1989.

PI 553523 **origin:** Germany. **origin institute:** Institut fur Obstbau
und Gemusebau, Universitat Bonn, Auf dem Hugel 6, Bonn
5300. **cultivar:** Stuttgart. Perennial. Cultivar.
Plant.

PI 553524 **origin:** Germany. **origin institute:** Institut fur Obstbau
und Gemusebau, Universitat Bonn, Auf dem Hugel 6, Bonn
5300. **cultivar:** Korbfuller. Perennial. Cultivar.
Plant.

PI 553525 to 553527. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Baumann, G., IFOGU, Bonn, Germany. Received December 16, 1988.

PI 553525 **origin:** Germany. **origin institute:** Institut fur Obstbau und Gemusebau, Universitat Bonn, Auf dem Hugel 6, Bonn 5300. **cultivar:** Preussen. **pedigree:** Thought derived from Superlative x Marlboro cross. **remarks:** Not successful as a cultivar, produces few canes. Perennial. Cultivar. Plant.

PI 553526 **origin:** Germany. **historical origin:** Switzerland. **cultivar:** Zeva II. **pedigree:** Rote Wadenswiler x Willamette. Perennial. Cultivar. Plant.

PI 553527 **origin:** Germany. **origin institute:** Institut fur Obstbau und Gemusebau, Universitat Bonn, Auf dem Hugel 6, Bonn 5300. **cultivar:** Shoenemann. **pedigree:** Lloyd George x Preussen. **remarks:** Late ripening. Perennial. Cultivar. Plant.

PI 553528 to 553529. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Smith, R.A., Lake Jackson, Texas, United States. Received January 23, 1989.

PI 553528 **origin:** United States. **historical origin:** United States. **cultivar:** San Diego. Perennial. Cultivar. Cutting.

PI 553529 **origin:** United States. **origin institute:** Oregon State University, Dept. of Horticulture, Corvallis, Oregon. **cultivar:** Oregon 1030. **pedigree:** Obscure. **remarks:** Uncertain whether this clone is true Oregon 1030. Perennial. Breeding Material. Cutting.

PI 553530. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received February 09, 1989.

origin: United States. **origin institute:** Washington State University, Extension Station, Puyallup, Washington. **cultivar:** Heritage 4x. **pedigree:** Uncertain, derived from Heritage. **remarks:** Use: potential cross w/blackberry. Perennial. Breeding Material. Cutting.

PI 553531 to 553532. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received March 06, 1989.

* PI 553531 *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** American Red Raspberry.
collected: October 23, 1988. **locality:** Hummocks in wet forest area near Fairbanks. **latitude:** 64 deg. 50 min. N. **longitude:** 147 deg. 50 min. W. **elevation:** 150m.
remarks: Low temperature last winter was approx. -35. Perennial. Wild. Cutting.

PI 553532 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Red Raspberry. **collected:** August 1988. **locality:** Hummocks in wet forest area near Fairbanks. **latitude:** 64 deg. 50 min. N. **longitude:** 147 deg. 50 min. W. **elevation:** 150m. **remarks:** Low temperature last winter was approx. -35. Perennial. Wild. Seed.

PI 553533 to 553537. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 16, 1989.

PI 553533 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** ORUS 1836 ORUSM 162. **remarks:** USDA/OSU small fruit certified stock. Perennial. Breeding Material. Cutting.

PI 553534 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** ORUS 576-47 ORUSM 191. **pedigree:** Selection. **remarks:** USDA/OSU small fruit certified stock. Perennial. Breeding Material. Cutting.

PI 553535 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** ORUS 932-2. **pedigree:** Selection. **remarks:** USDA/OSU small fruit certified stock. Perennial. Breeding Material. Cutting.

PI 553536 **origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** ORUS 716-4. **pedigree:** Selection. **remarks:** USDA/OSU small fruit certified stock. Perennial. Breeding Material. Cutting.

PI 553533 to 553537-continued

PI 553537 **origin:** United States. **historical origin:** Canada.
origin institute: Agriculture Canada, Experiment Station,
Vancouver, British Columbia. **cultivar:** Chilcotin.
pedigree: Sumner x Newburg. **remarks:** USDA/OSU small
fruit certified stock. Perennial. Cultivar. Cutting.

PI 553538 to 553542. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Stoyanov, Dr., Institute of Introduction, Plant Genetic
Resources, 4122 Sadovo, Plovdiv, Bulgaria. Received June 06, 1989.

PI 553538 **origin:** Bulgaria. **cultivar:** Bulgarski Rubin. **local
name:** Cultivated Raspberry. Perennial. Cultivar.
Cutting.

PI 553539 **origin:** Bulgaria. **cultivar:** Ralitsa. **local name:**
Cultivated Raspberry. Perennial. Cultivar. Cutting.

PI 553540 **origin:** Bulgaria. **cultivar:** Lyulin. **local name:**
Cultivated Raspberry. Perennial. Cultivar. Cutting.

PI 553541 **origin:** Bulgaria. **cultivar:** Iskra. **local name:**
Cultivated Raspberry. Perennial. Cultivar. Cutting.

PI 553542 **origin:** Bulgaria. **cultivar:** Shopoka alena. **local name:**
Cultivated Raspberry. **other id:** Sopska Alena. **other id:**
Zzopska Alena. Perennial. Cultivar. Cutting.

PI 553543. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Norton, R.A., Washington State University, Northwest
Res. and Ext. Unit, Mt. Vernon, Washington, United States. Received
May 16, 1991.

origin: United States. **historical origin:** United States.
cultivar: Bababerry. **pedigree:** Selection from the wild
from California. **other id:** Plant Patent 4732. **group:**
PLNT. **locality:** On a mile-high mountainside near Palm
Springs, CA. **remarks:** Can withstand and flourish in hot
dry climates like Calif.'s Canes extremely vigorous,
fruit with a rich, tangy flavor. Perennial. Cultivar.
Tissue Culture.

PI 553544 to 553546. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Norton, R.A., Washington State University, Northwest
Res. and Ext. Unit, Mt. Vernon, Washington, United States. Received
August 02, 1989.

PI 553544 to 553546-continued

- PI 553544 **origin:** United States. **origin institute:** University of Minnesota, Dept. Hort. Sci. and Landscape Arch., St. Paul, Minnesota. **cultivar:** Redwing. **pedigree:** Heritage x Fall Red. **other id:** MN 629. **remarks:** Much more heat resistant than Heritage and has done very well as far south as Georgia. Perennial. Cultivar. Tissue Culture.
- PI 553545 **origin:** United States. **origin institute:** University of Minnesota, Dept. Horticultural Science, Experiment Station, Morris, Minnesota. **cultivar:** Nordic. **pedigree:** Boyne x Fall Red. **other id:** MN 603. **remarks:** Similar to Boyne in yield, berry weight and winterhardiness. Can also produce a late fall crop in some areas. Perennial. Cultivar. Tissue Culture.
- PI 553546 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Experiment Station, Geneva, New York. **cultivar:** Ruby. **pedigree:** Heritage x Titan. **other id:** Plant Patent 7067. **group:** PLNT. **other id:** Watson. **other id:** NY 114. **remarks:** "Ruby" is trademark name of cultivar Watson Fruit size is a characteristic of this cultivar. Perennial. Cultivar. Tissue Culture.

PI 553547 to 553551. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received August 10, 1989.

- PI 553547 **origin:** United States. **pedigree:** Collected from the wild in South Dakota. **collected:** 1989. **locality:** Black Hills Nat'l Forest, Whitetail Gulch, grazed meadow. **latitude:** 43 deg. 45 min. N. **longitude:** 103 deg. 30 min. W. **elevation:** 1555m. Perennial. Wild. Seed.
- PI 553548 **origin:** United States. **pedigree:** Collected from the wild in South Dakota. **collected:** 1989. **locality:** Palmer Creek, North of Custer State Park entrance. **latitude:** 43 deg. 45 min. N. **longitude:** 103 deg. 30 min. W. **elevation:** 1760m. Perennial. Wild. Seed.
- PI 553549 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **collected:** 1989. **locality:** Calcite Springs, overlooking the Yellowstone River. **latitude:** 45 deg. 00 min. N. **longitude:** 110 deg. 30 min. W. **elevation:** 2010m. Perennial. Wild. Seed.

PI 553547 to 553551-continued

PI 553550 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** 1989. **locality:** Smelter Mountain, volcanic rock, very dry site. **latitude:** 45 deg. 30 min. N. **longitude:** 111 deg. 50 min. W. **elevation:** 1995m. Perennial. Wild. Seed.

* PI 553551 *Rubus strigosus* Michaux ROSACEAE Raspberry
origin: United States. **pedigree:** Collected from the wild in Wyoming. **local name:** American Red Raspberry. **collected:** 1989. **locality:** Shoshone N.F., Clayton Mountain, at base of escarpment. **latitude:** 44 deg. 30 min. N. **longitude:** 109 deg. 30 min. W. **elevation:** 2590m. Perennial. Wild. Plant.

PI 553552 to 553553. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received August 24, 1989.

PI 553552 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **collected:** August 1989. **locality:** Bitterroot N.F., Deep Creek, on rocky slope along roadside. **latitude:** 45 deg. 50 min. N. **longitude:** 115 deg. 15 min. W. **elevation:** 1585m. Perennial. Wild. Seed.

PI 553553 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** August 1989. **locality:** Flathead Nat'l. Forest, Moran Creek, along roadside. **latitude:** 48 deg. 30 min. N. **longitude:** 114 deg. 00 min. W. **elevation:** 1340m. Perennial. Wild. Seed.

PI 553554 to 553555. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received October 12, 1989.

PI 553554 **origin:** United States. **pedigree:** Collected from the wild in Montana. **local name:** Red Raspberry. **collected:** 1989. **locality:** Flathead Nat'l Forest, Moran Creek, along roadside. **latitude:** 48 deg. 30 min. N. **longitude:** 114 deg. 00 min. W. **elevation:** 1350m. Perennial. Wild. Cutting.

PI 553554 to 553555-continued

PI 553555 **origin:** United States. **pedigree:** Collected from the wild in Montana. **local name:** Red Raspberry. **collected:** 1989. **locality:** Flathead Nat'l Forest, Moran Creek, along roadside. **latitude:** 48 deg. 30 min. N. **longitude:** 114 deg. 00 min. W. **elevation:** 1350m. Perennial. Wild. Cutting.

PI 553556 to 553563. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Murphy, D., North Star Gardens, Marine-on-St.-Croix, Minnesota, United States. Received November 21, 1989.

PI 553556 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Ottawa, Ontario. **cultivar:** Comet. **pedigree:** Ottawa x Madawaska. **other id:** Ottawa 383. **remarks:** Tall, stout, hardy and productive. Perennial. Cultivar. Plant.

PI 553557 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** Cooper I. Perennial. Cultivar. Plant.

PI 553558 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** Cooper II. Perennial. Cultivar. Plant.

PI 553559 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Agricultural Research Station, Ottawa, Ontario. **cultivar:** Gatineau. **pedigree:** Lloyd George x Newman. **other id:** Ottawa 276. **remarks:** Medium short, hardy, very productive, suscep. to anthracnose. Perennial. Cultivar. Plant.

PI 553560 **origin:** United States. **origin institute:** University of Minnesota, Fruit Breeding Farm, Excelsior, Minnesota. **cultivar:** Itasca. **pedigree:** Newburg x self. **other id:** Minn. 399. **remarks:** Vigorous, hardy, productive, canes nearly spine-free. Perennial. Cultivar. Plant.

PI 553561 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** June. Perennial. Cultivar. Plant.

PI 553562 **origin:** United States. **historical origin:** UNCERTAIN. **cultivar:** Mammoth Red. Perennial. Cultivar. Plant.

PI 553563 **origin:** United States. **historical origin:** United States. **cultivar:** NH Red. Perennial. Cultivar. Plant.

PI 553564. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Pense, G.D., Boston Mountain Nurseries, Mountainburg, Arkansas, United States. Received March 02, 1990.

origin: United States. **historical origin:** United States.
origin institute: University of Minnesota, Fruit Breeding Farm, Excelsior, Minnesota. **cultivar:** Latham. **pedigree:** King x Loudon. **other id:** Minn. #4. **remarks:** Standard for springbearing red raspberries, widely grown. Perennial. Cultivar. Cutting.

PI 553565. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Vandenburg, A., Horticultural Research Institute, Vineland Station, Vineland, Ontario, Canada. Received April 13, 1990.

origin: Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Research Station, 6660 NW Marine Drive, Vancouver, British Columbia. **cultivar:** Algonquin. **pedigree:** Haida x Canby. **other id:** BC-72-1-7. **remarks:** Joint release with Western Washington Research and Extension Center, Puyallup, WA. Resistant to *A. agathonica*. Perennial. Cultivar. Cutting.

PI 553566 to 553567. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received July 26, 1990.

PI 553566 **origin:** USSR. **pedigree:** Collected from the wild in Kazakhstan. **collected:** July 14, 1990. **locality:** Zailinsky Range, stream valley of tributary to Issyk River. Perennial. Wild. Seed.

PI 553567 **origin:** USSR. **pedigree:** Collected from the wild in Kazakhstan. **collected:** July 16, 1990. **locality:** Nature preserve in Zailinsky Ala Tau, near stream. Perennial. Wild. Seed.

PI 553568. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Hall, H.K., Crop Research Division, DSIR, Riwaka Research Station, Motueka, New Zealand. Received August 03, 1990.

origin: New Zealand. **historical origin:** United States. **cultivar:** Great American. Perennial. Cultivar. Plant.

PI 553569. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Jones, A.T., Scottish Crop Research Institute, Invergowrie, Scotland, United Kingdom. Received November 21, 1990.

origin: United Kingdom. **historical origin:** Belgium.
cultivar: Yellow Antwerp. **remarks:** Received virus-indexed as Yellow Antwerp 1. Perennial. Cultivar. Cutting.

PI 553570 to 553622. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received January 23, 1991.

PI 553570 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Blairgowrie vicinity. **latitude:** 56 deg. 40 min. N. **longitude:** 03 deg. 25 min. W. **elevation:** 150m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553571 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Blairgowrie vicinity. **latitude:** 56 deg. 40 min. N. **longitude:** 03 deg. 25 min. W. **elevation:** 50m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553572 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Isla. **latitude:** 56 deg. 39 min. N. **longitude:** 03 deg. 13 min. W. **elevation:** 170m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553573 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Isla, Knockshannock. **latitude:** 56 deg. 43 min. N. **longitude:** 03 deg. 15 min. W. **elevation:** 220m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

- PI 553574 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Isla, East Mill. **latitude:** 56 deg. 44 min. N. **longitude:** 03 deg. 16 min. W. **elevation:** 250m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553575 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Isla, Kirkton of Glenisla. **latitude:** 56 deg. 45 min. N. **longitude:** 03 deg. 20 min. W. **elevation:** 250m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553576 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sidlaws, Glamis. **latitude:** 56 deg. 34 min. N. **longitude:** 03 deg. 00 min. W. **elevation:** 200m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553577 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Kirriemuir vicinity. **latitude:** 56 deg. 40 min. N. **longitude:** 03 deg. 00 min. W. **elevation:** 100m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553578 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Prusen, Pearsie. **latitude:** 56 deg. 43 min. N. **longitude:** 03 deg. 03 min. W. **elevation:** 200m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553579 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Kirriemuir vicinity, Woodside Farm. **latitude:** 56 deg. 41 min. N. **longitude:** 03 deg. 01 min. W. **elevation:** 160m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

- PI 553580 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Kirriemuir vicinity, Westmuir. **latitude:** 56 deg. 39 min. N. **longitude:** 03 deg. 02 min. W. **elevation:** 110m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553581 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Kirriemuir vicinity, Forestmuir. **latitude:** 56 deg. 41 min. N. **longitude:** 02 deg. 57 min. W. **elevation:** 110m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553582 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Kirriemuir vicinity. **latitude:** 56 deg. 42 min. N. **longitude:** 02 deg. 58 min. W. **elevation:** 130m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553583 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Kirriemuir vicinity. **latitude:** 56 deg. 29 min. N. **longitude:** 03 deg. 09 min. W. **elevation:** 160m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553584 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sidlaws, South Latch. **latitude:** 56 deg. 29 min. N. **longitude:** 03 deg. 12 min. W. **elevation:** 200m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553585 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sidlaws, Mill Farm. **latitude:** 56 deg. 28 min. N. **longitude:** 03 deg. 18 min. W. **elevation:** 150m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553570 to 553622-continued

- PI 553586 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sidlaws. **latitude:** 56 deg. 25 min. N. **longitude:** 03 deg. 20 min. W. **elevation:** 180m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553587 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Perth, Glen Carse. **latitude:** 56 deg. 24 min. N. **longitude:** 03 deg. 19 min. W. **elevation:** 40m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553588 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sidlaws, Muirloch Farm. **latitude:** 56 deg. 30 min. N. **longitude:** 03 deg. 07 min. W. **elevation:** 170m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553589 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Blairgowrie vicinity, wet, sedge-filled low area. **latitude:** 56 deg. 35 min. N. **longitude:** 03 deg. 23 min. W. **elevation:** 70m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553590 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Blairgowrie vicinity, Try Farm. **latitude:** 56 deg. 36 min. N. **longitude:** 03 deg. 24 min. W. **elevation:** 40m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553591 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Blairgowrie vicinity, Rattray. **latitude:** 56 deg. 37 min. N. **longitude:** 03 deg. 20 min. W. **elevation:** 190m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553570 to 553622-continued

- PI 553592 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Forfar vicinity, Auchter Forfar. **latitude:** 56 deg. 39 min. N. **longitude:** 02 deg. 50 min. W. **elevation:** 90m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553593 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Forfar vicinity, Balgavies Loch. **latitude:** 56 deg. 39 min. N. **longitude:** 02 deg. 46 min. W. **elevation:** 80m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553594 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Forfar vicinity, North Mains of Turin. **latitude:** 56 deg. 40 min. N. **longitude:** 02 deg. 46 min. W. **elevation:** 130m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553595 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Forfar vicinity, Stannochy. **latitude:** 56 deg. 43 min. N. **longitude:** 02 deg. 41 min. W. **elevation:** 50m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553596 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Forfar vicinity, Canmore. **latitude:** 56 deg. 37 min. N. **longitude:** 02 deg. 54 min. W. **elevation:** 110m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553597 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathmore-Montrose vicinity. **latitude:** 56 deg. 44 min. N. **longitude:** 02 deg. 29 min. W. **elevation:** 30m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553570 to 553622-continued

- PI 553598 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathbraan/Upper Tay, Dunkeld. **latitude:** 56 deg. 32 min. N. **longitude:** 03 deg. 34 min. W. **elevation:** 80m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553599 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Invergowrie/Longforan area, Kingoodie. **latitude:** 56 deg. 27 min. N. **longitude:** 03 deg. 04 min. W. **elevation:** 10m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553600 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Invergowrie/Longforan area. **latitude:** 56 deg. 27 min. N. **longitude:** 03 deg. 07 min. W. **elevation:** 10m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553601 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sidlaws, Glen of Rait. **latitude:** 56 deg. 26 min. N. **longitude:** 03 deg. 17 min. W. **elevation:** 150m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553602 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Invergowrie/Longforan area, Ballindean. **latitude:** 56 deg. 28 min. N. **longitude:** 03 deg. 13 min. W. **elevation:** 130m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553603 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Invergowrie/Longforan area, Star Inn Farm. **latitude:** 56 deg. 28 min. N. **longitude:** 03 deg. 05 min. W. **elevation:** 30m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

- PI 553604 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Invergowrie/Longforan area. **latitude:** 56 deg. 29 min. N. **longitude:** 03 deg. 03 min. W. **elevation:** 140m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553605 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sma' Glen. **latitude:** 56 deg. 26 min. N. **longitude:** 03 deg. 46 min. W. **elevation:** 200m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553606 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sma' Glen, Newton Bridge. **latitude:** 56 deg. 27 min. N. **longitude:** 03 deg. 48 min. W. **elevation:** 230m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553607 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sma' Glen. **latitude:** 56 deg. 26 min. N. **longitude:** 03 deg. 47 min. W. **elevation:** 220m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553608 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathbraan, Little Trochy. **latitude:** 56 deg. 33 min. N. **longitude:** 03 deg. 39 min. W. **elevation:** 150m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553609 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Strathbraan, Drumour Lodge. **latitude:** 56 deg. 33 min. N. **longitude:** 03 deg. 40 min. W. **elevation:** 180m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

- PI 553610 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Upper Tay, Inver. **latitude:** 56 deg. 34 min. N. **longitude:** 03 deg. 36 min. W. **elevation:** 50m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553611 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Grampian, Lieth Hall. **latitude:** 57 deg. 22 min. N. **longitude:** 02 deg. 48 min. W. **elevation:** 180m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553612 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Cova, vicinity of the Clova Hotel. **latitude:** 56 deg. 51 min. N. **longitude:** 03 deg. 07 min. W. **elevation:** 220m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553613 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Cova, Glen Dell trailhead. **latitude:** 56 deg. 53 min. N. **longitude:** 03 deg. 10 min. W. **elevation:** 250m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553614 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Isla. **elevation:** 170m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553615 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Isla, Little Forter. **latitude:** 56 deg. 46 min. N. **longitude:** 03 deg. 20 min. W. **elevation:** 290m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

- PI 553616 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Esk. **latitude:** 56 deg. 51 min. N. **longitude:** 02 deg. 39 min. W. **elevation:** 70m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553617 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Esk, Auchmull. **latitude:** 56 deg. 53 min. N. **longitude:** 02 deg. 41 min. W. **elevation:** 140m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553618 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Esk, Craigoshina. **latitude:** 56 deg. 55 min. N. **longitude:** 02 deg. 44 min. W. **elevation:** 130m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553619 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Esk, Invermark Lodge - Loch Lee. **latitude:** 56 deg. 58 min. N. **longitude:** 02 deg. 55 min. W. **elevation:** 260m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553620 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Esk, Tarfside. **latitude:** 56 deg. 56 min. N. **longitude:** 02 deg. 42 min. W. **elevation:** 200m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.
- PI 553621 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Glen Cova, Cullow. **latitude:** 56 deg. 44 min. N. **longitude:** 03 deg. 00 min. W. **elevation:** 220m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553570 to 553622-continued

PI 553622 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Grampian, Glenmore Forest. **latitude:** 57 deg. 12 min. N. **longitude:** 03 deg. 43 min. W. **elevation:** 340m. **remarks:** Sampled from a 500m section; habitat for raspberries in this area is roadsides, drainage ditches, woods and fields. Perennial. Wild. Seed.

PI 553623 to 553636. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Holloway, P., University of Alaska, Fairbanks, Alaska, United States. Received February 11, 1991.

PI 553623 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553624 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** OP seed of cultivar 'Fantasia'. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553625 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** Eluzia x Fantasia. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553626 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** Fantasia x Eluzia. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553627 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** OP seed of cultivar 'Lesovenko'. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553628 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** OP seed of cultivar 'Kalakolchik'. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553629 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** Fantasia x Kalakolchik. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553630 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** Eluzia x Lesovenko. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553623 to 553636-continued

- PI 553631 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** Eluzia x Kalakolchik. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.
- PI 553632 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** OP seed of cultivar 'Novesmikalaechika'. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.
- PI 553633 **origin:** USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **pedigree:** Eluzia x 549. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.
- PI 553634 **origin:** USSR. **pedigree:** Collected from the wild in the Soviet Union. **collected:** August 10, 1990. **locality:** Primorsky Region (Vladivostok). Perennial. Wild. Seed.
- PI 553635 **origin:** USSR. **pedigree:** Collected from the wild in the Soviet Union. **collected:** August 10, 1990. **locality:** Primorsky Region (Vladivostok). Perennial. Wild. Seed.
- PI 553636 **origin:** USSR. **pedigree:** Collected from the wild in the Soviet Union. **collected:** August 10, 1990. **locality:** Primorsky Region (Vladivostok). Perennial. Wild. Seed.

PI 553637. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Hohn, T., Washington Park Arboretum, Seattle, Washington, United States. Received March 05, 1991.

origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** Raspberry. **locality:** Juneau. **latitude:** 58 deg. 10 min. N. **longitude:** 134 deg. 12 min. W. **elevation:** 0m. Perennial. Wild. Seed.

PI 553638. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Westcott, R.L., Oregon Department of Agriculture, Plant Sciences Division, Salem, Oregon, United States. Received April 02, 1991.

origin: United States. **historical origin:** United States. **cultivar:** Newberry. **pedigree:** Chance seedling or sport from mixed planting of *Rubus* cv's. **other id:** Plant Patent 1031. **group:** PREV. **remarks:** Canes to 11 ft., excellent fresh, frozen and for processing. No longer available commercially. Perennial. Cultivar. Cutting.

PI 553639. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Bellenot-Kapusta, V., INRA, Centre des Recherches d'Angers, Domaine de Bois L'Ab, Beaucouze, France. Received April 09, 1991.

origin: France. **origin institute:** Inst. Nat. de la Recherches Agronomique, Station d'Amelioration des Especies Frut., et Ornamentales, Beaucouze 49070.
cultivar: Meco. **other id:** French patent. **group:** FORN.
Perennial. Cultivar. Cutting.

PI 553640. *Rubus idaeus* L. ROSACEAE Raspberry

Donated by: Bellenot-Kapusta, V., INRA, Centre des Recherches d'Angers, Domaine de Bois L'Ab, Beaucouze, France. Received April 09, 1991.

origin: France. **origin institute:** Inst. Nat. de la Recherches Agronomique, Station d'Amelioration des Especies Frut., et Ornamentales, Beaucouze 49070.
cultivar: Wawi. **other id:** French patent. **group:** FORN.
Perennial. Cultivar. Cutting.

PI 553641. *Rubus illecebrosus* Focke ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington. Perennial.
Breeding Material. Plant.

PI 553642. *Rubus illecebrosus* Focke ROSACEAE Raspberry

Donated by: Parliman, B.J., USDA/ARS/PGGI, Plant Introduction Station, Beltsville, Maryland, United States. Received June 27, 1984.

origin: USSR. **pedigree:** Open-pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553643. *Rubus illecebrosus* Focke ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received May 12, 1987.

PI 553643-continued

origin: UNCERTAIN. **historical origin:** United States.
origin institute: USDA/ARS, Oregon State University,
Corvallis, Oregon. **pedigree:** Seedling selection.
Perennial. Breeding Material. Plant.

PI 553644. *Rubus illecebrosus* Focke ROSACEAE Raspberry

Donated by: Robbins, J., Washington State University, Western
Washington Exp. Sta., Puyallup, Washington, United States. Received
January 17, 1989.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Extension
Station, Puyallup, Washington. **pedigree:** Probably a
seedling selection. Perennial. Breeding Material.
Cutting.

PI 553645. *Rubus inermis* Pourr. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept.
Horticulture, Urbana, Illinois, United States. Received April 02,
1986.

origin: New Zealand. **pedigree:** Collected from the wild
in New Zealand. **latitude:** 41 deg. S. **longitude:** 174
deg. E. **remarks:** From species collection of Harvey Hall.
Perennial. Wild. Seed.

PI 553646. *Rubus innominatus* S. Moore ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept.
Horticulture, Raleigh, North Carolina, United States. Received
November 29, 1988.

origin: China. **historical origin:** United States. **origin**
institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon. **pedigree:** Seedling selection from
wild Chinese seedlot CRUB 1545. Perennial. Breeding
Material. Plant.

PI 553647. *Rubus insularis* F. Aresh. ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant
Breeding, Kristianstad, Sweden. Received February 22, 1990.

PI 553647-continued

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 553648 to 553649. *Rubus irritans* Focke ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 12, 1989.

PI 553648 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** September 21, 1988. **locality:** 1/2km W of Bridge in Naltar, open area between Picea trees. **latitude:** 36 deg. 16 min. N. **longitude:** 74 deg. 05 min. E. **elevation:** 3000m. **remarks:** Rare species, very few seed. Perennial. Wild. Seed.

PI 553649 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** August 19, 1988. **locality:** 25km NE of Kalam, along talus boulders on road to L. Mahodan. **latitude:** 35 deg. 43 min. N. **longitude:** 72 deg. 41 min. E. **elevation:** 3230m. Perennial. Wild. Seed.

PI 553650. *Rubus kawakamii* Hayata ROSACEAE Blackberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 30, 1982.

origin: Taiwan. **pedigree:** Collected from the wild in Taiwan. **collected:** August 15, 1981. **locality:** On a farm near Taiwan University. **latitude:** 24 deg. N. **longitude:** 121 deg. E. **elevation:** 1990m. Perennial. Wild. Seed.

PI 553651. *Rubus laciniatus* Willd. ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 23, 1981.

origin: United States. **cultivar:** Evergreen Thornless (Oregon). **pedigree:** Clonal selection of *R. laciniatus*. **other id:** Thornless Evergreen. **remarks:** Late to very late season, excellent vigor. Fruits medium sized, very dark to black, glossy. Tart flavor. Biennial. Cultivar. Plant.

PI 553652. *Rubus laciniatus* Willd. ROSACEAE Blackberry

Donated by: Hortus Botanicus Acad. Sci., Taschkent, Uzbek SSR, USSR.
Received April 24, 1987.

origin: USSR. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553653. *Rubus lambertianus* Ser. ROSACEAE Blackberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received October 30, 1982.

origin: Japan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Japanese seedlot CRUB 1503. Perennial. Breeding Material. Plant.

PI 553654. *Rubus lambertianus* Ser. ROSACEAE Blackberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 17, 1987.

origin: China. **pedigree:** Collected from the wild in China. Perennial. Wild. Seed.

PI 553655. *Rubus lambertianus* Ser. ROSACEAE Blackberry

Donated by: Gu, Yin, Nanjing Botanical Gardens, Mem. Sun Yat-Sen, Nanjing, Jiangsu, China. Received January 29, 1990.

origin: China. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553656. *Rubus lambertianus* Ser. ROSACEAE Blackberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received April 06, 1990.

origin: Japan. **pedigree:** Open-pollinated from botanical collection. **collected:** December 03, 1989. **locality:** Japan, Kyushu, Nagasaki-ken, Shimabara-shi, Mayuyama. Perennial. Cultivated. Seed.

PI 553657 to 553658. *Rubus lambertianus* var. *glaber* Hemsley ROSACEAE
Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received November 16, 1983.

PI 553657 **origin:** United States. **pedigree:** Seedling selection from
seedlot collected wild in China. **local name:** Hakon.
locality: Mucheng. Perennial. Cultivated. Plant.

PI 553658 **origin:** China. **pedigree:** Seedling selection from seedlot
collected wild in China. **collected:** September 29, 1980.
locality: Lojiaba Metasequoia area in Western Hubei
Province. Perennial. Cultivated. Plant.

PI 553659 to 553660. *Rubus lasiococcus* A. Gray ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received September 19, 1981.

PI 553659 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **collected:** September 14, 1980. **locality:**
Pacific Crest Trail, Mt. Washington Wilderness Area.
latitude: 44 deg. 25 min. N. **longitude:** 121 deg. 55 min.
W. Perennial. Wild. Plant.

PI 553660 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **collected:** September 14, 1980. **locality:** Big
Lake, Willamette National Forest. **latitude:** 44 deg. 10
min. N. **longitude:** 122 deg. W. Perennial. Wild.
Plant.

PI 553661. *Rubus lasiococcus* A. Gray ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 01, 1982.

origin: United States. **pedigree:** Collected from the wild
in Oregon. Perennial. Wild. Plant.

PI 553662. *Rubus lasiococcus* A. Gray ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 07, 1984.

PI 553662-continued

origin: United States. **pedigree:** Collected from the wild in Idaho. **collected:** July 02, 1984. **locality:** Near Naples, ID. **latitude:** 48 deg. 30 min. N. **longitude:** 113 deg. W. **elevation:** 950m. **remarks:** Slender creeping vine, not thorny, roots at nodes. Perennial. Wild. Plant.

PI 553663. *Rubus lasiococcus* A. Gray ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received September 20, 1990.

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** August 25, 1990. **locality:** South end of Waldo Lake near Shadow Bay Campground. **latitude:** 43 deg. 45 min. N. **longitude:** 122 deg. 05 min. W. **elevation:** 1660m. **remarks:** Received as herbarium specimen only. Understory plant in forest. Perennial. Wild. Plant.

PI 553664. *Rubus lasiostylus* Focke ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 01, 1982.

origin: United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CRUB 1514. Perennial. Breeding Material. Plant.

PI 553665 to 553667. *Rubus lasiostylus* Focke ROSACEAE Raspberry

Donated by: Denison, E.L., Iowa State University, Dept. Horticulture, Ames, Iowa, United States. Received February 28, 1983.

PI 553665 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6BJ. **pedigree:** Uncertain. **collected:** September 18, 1982. Perennial. Breeding Material. Seed.

PI 553666 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6BJ. **pedigree:** Open pollinated *R. lasiostylus* hybrid. **collected:** September 12, 1982. Perennial. Breeding Material. Seed.

PI 553665 to 553667-continued

PI 553667 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6 BJ. **collected:** September 18, 1982. Perennial. **Breeding Material.** Seed.

PI 553668 to 553670. *Rubus lasiostylus* Focke ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received November 16, 1983.

PI 553668 **origin:** China. **pedigree:** Seedling selection from seedlot collected wild in China. **collected:** August 18, 1908. **locality:** Juihuping, eastern side of Jizigan Canyon. **latitude:** 31 deg. 30 min. N. **longitude:** 110 deg. E. **elevation:** 1850m. Perennial. Cultivated. Plant.

PI 553669 **origin:** China. **pedigree:** Seedling selection from seedlot collected wild in China. **collected:** August 28, 1980. **locality:** Along Miaogon Canyon in Shennongjia Forest District. **latitude:** 31 deg. 30 min. N. **longitude:** 110 deg. E. **elevation:** 1800m. Perennial. Cultivated. Plant.

PI 553670 **origin:** China. **pedigree:** Seedling selection from seedlot collected wild in China. **collected:** August 25, 1980. **locality:** Below Chifeng Pass, in Sinarundinaria thicket. **latitude:** 31 deg. 30 min. N. **longitude:** 110 deg. E. **elevation:** 3000m. Perennial. Cultivated. Plant.

PI 553671. *Rubus lasiostylus* var. *hubeiensis* T. T. Yu et al. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received November 16, 1982.

origin: China. **pedigree:** Seedling selection from seedlot collected wild in China. **collected:** August 26, 1980. **locality:** Along road to Chuifeng Pass in Shennongjia Forest District. Perennial. Cultivated. Plant.

PI 553672 to 553673. *Rubus leucodermis* Douglas ex Torrey & A. Gray
ROSACEAE Black Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553672 to 553673-continued

PI 553672 **origin:** United States. **pedigree:** Collected from the wild in Washington. **locality:** Wenatchee, along roadside, Rd #159. **latitude:** 47 deg. 30 min. N. **longitude:** 120 deg. 17 min. W. Perennial. Wild. Plant.

PI 553673 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Extension Station, Puyallup, Washington. Perennial. Breeding Material. Plant.

PI 553674. *Rubus leucodermis* Douglas ex Torrey & A. Gray ROSACEAE
Black Raspberry

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received June 05, 1984.

origin: United States. **pedigree:** Collected from the wild in Washington. **collected:** 1984. Perennial. Wild. Seed.

PI 553675. *Rubus leucodermis* Douglas ex Torrey & A. Gray ROSACEAE
Black Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received June 14, 1984.

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** January 13, 1984. **locality:** Along the S. Fork of McKenzie River near Cougar Reservoir. **latitude:** 44 deg. 25 min. N. **longitude:** 112 deg. 02 min. W. **elevation:** 500m. **remarks:** Typical, 2 m tall, arching thorny canes in flower 6-13-84. Perennial. Wild. Plant.

PI 553676. *Rubus leucodermis* Douglas ex Torrey & A. Gray ROSACEAE
Black Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 10, 1984.

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** August 20, 1984. **locality:** Siskiyou National Forest near Grant's Pass, OR. **latitude:** 42 deg. 05 min. N. **longitude:** 124 deg. W. **elevation:** 720m. **remarks:** Thorny bramble, primocanes mostly light green with white wax. Perennial. Wild. Seed.

PI 553677 to 553689. *Rubus leucodermis* Douglas ex Torrey & A. Gray
ROSACEAE Black Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

- PI 553677 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, associated with maple, fir, and cedar. **latitude:** 44 deg. N. **longitude:** 123 deg. 50 min. W. **elevation:** 280m. **remarks:** Plants and fruit typical for species. Perennial. Wild. Seed.
- PI 553678 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 23, 1985. **locality:** Siuslaw National Forest. **latitude:** 44 deg. 00 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 200m. **remarks:** Fruit sample, typical morphology. Perennial. Wild. Seed.
- PI 553679 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 23, 1985. **locality:** Siskiyou Nat'l Forest on road above Elk Creek. **latitude:** 42 deg. N. **longitude:** 124 deg. W. **elevation:** 170m. **remarks:** Fruit population sample. Perennial. Wild. Seed.
- PI 553680 **origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oregon seedlot CRUB 1528. Perennial. Breeding Material. Plant.
- PI 553681 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 24, 1985. **locality:** Siskiyou National Forest. **latitude:** 42 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 510m. **remarks:** Fruit population sample. Perennial. Wild. Seed.
- PI 553682 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 24, 1985. **locality:** Siskiyou National Forest. **latitude:** 42 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 510m. **remarks:** Fruit population sample of 25 berries per clone. Perennial. Wild. Seed.
- PI 553683 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 24, 1985. **locality:** Steep slope 45 degrees, Siskiyou National Forest. **latitude:** 42 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 730m. **remarks:** Frt and cuttings frm albino-fruited, glaucous stemmed plant. Perennial. Wild. Cutting.

PI 553677 to 553689-continued

- PI 553684 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 24, 1985. **locality:** Steep slope 45 degrees, Siskiyou National Forest. **latitude:** 42 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 730m. **remarks:** Fruit population sample. Perennial. Wild. Seed.
- PI 553685 **origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oregon seedlot CRUB 1530. Perennial. Breeding Material. Plant.
- PI 553686 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 24, 1985. **locality:** Siskiyou National Forest. **latitude:** 42 deg. N. **longitude:** 123 deg. 15 min. W. **elevation:** 1300m. **remarks:** Seeds from non-glaucous stemmed plants. Perennial. Wild. Seed.
- PI 553687 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 28, 1985. **locality:** Along trail, Deschutes National Forest. **latitude:** 43 deg. 30 min. N. **longitude:** 121 deg. 45 min. W. **elevation:** 4200m. **remarks:** Small fruit population sample. Perennial. Wild. Seed.
- PI 553688 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 24, 1985. **locality:** Siskiyou National Forest along roadside, 66 degree slope. **latitude:** 42 deg. 50 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 780m. **remarks:** 25 berries per plant, population sample. Perennial. Wild. Seed.
- PI 553689 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, along roadbanks. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1000m. **remarks:** Fruit is of a fine size and typical quality. Perennial. Wild. Seed.

PI 553690 to 553697. *Rubus leucodermis* Douglas ex Torrey & A. Gray
ROSACEAE Black Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

PI 553690 to 553697-continued

- PI 553690 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 05, 1985. **locality:** Wind River Ranger Station along roadside. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1300m. **remarks:** Typical fruit and plant for species. Perennial. Wild. Seed.
- PI 553691 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 07, 1985. **locality:** Gifford-Pinchot National Forest, clearcut and roadsides. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1000m. **remarks:** Fruit population sampled from only 3 plants on site. Perennial. Wild. Seed.
- PI 553692 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 07, 1985. **locality:** Gifford-Pinchot Nat'l Forest, in an old clearcut. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1100m. **remarks:** Typical morphology, population sample. Perennial. Wild. Seed.
- PI 553693 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 08, 1985. **locality:** Olympic Nat'l Forest near Wynoochee River. **latitude:** 47 deg. 10 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1430m. **remarks:** Typical morphology, some fruit rot in this population sample. Perennial. Wild. Seed.
- PI 553694 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 08, 1985. **locality:** Along Forest Service road near Quinault, WA. **latitude:** 47 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 430m. **remarks:** Fruit population collected. Perennial. Wild. Seed.
- PI 553695 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 11, 1985. **locality:** Olympic National Forest, along roadsides. **latitude:** 47 deg. N. **longitude:** 124 deg. W. **elevation:** 360m. **remarks:** Typical morphology, fruit population collected. Perennial. Wild. Seed.
- PI 553696 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 12, 1985. **locality:** Olympic Nat'l Forest, along roadsides. **latitude:** 48 deg. N. **longitude:** 123 deg. 30 min. W. **elevation:** 760m. **remarks:** Smallest frt size of any population collected, plnts drying. Perennial. Wild. Seed.

PI 553690 to 553697-continued

PI 553697 **origin:** United States. **pedigree:** Collected from the wild in Washington. **collected:** August 13, 1985. **locality:** Olympic Nat'l Forest along a roadbank. **latitude:** 48 deg. N. **longitude:** 124 deg. W. **elevation:** 566m. **remarks:** Typical fruit morphology, population sample. Perennial. Wild. Seed.

PI 553698. *Rubus leucodermis* Douglas ex Torrey & A. Gray ROSACEAE
Black Raspberry

Donated by: Hannan, R., USDA/ARS/W-6 Plant Intro. Station, Washington State University, Pullman, Washington, United States. Received February 10, 1986.

origin: United States. **pedigree:** Collected from the wild in Idaho. **collected:** August 20, 1985. **locality:** Along trail to Luchsa River on Warm Springs Creek. **latitude:** 46 deg. 40 min. N. **longitude:** 114 deg. 55 min. W. **remarks:** Especially large and succulent clone. Perennial. Wild. Seed.

PI 553699. *Rubus leucodermis* Douglas ex Torrey & A. Gray ROSACEAE
Black Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

origin: United States. **pedigree:** Collected from the wild in California. **collected:** August 05, 1986. **locality:** Mature coniferous forest, N to NE slope dry area along creek. **latitude:** 41 deg. 25 min. N. **longitude:** 121 deg. 55 min. W. **elevation:** 1490m. **remarks:** Typical morphology, moderate crop. Perennial. Wild. Seed.

PI 553700. *Rubus leucodermis* Douglas ex Torrey & A. Gray ROSACEAE
Black Raspberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

origin: UNCERTAIN. **historical origin:** United States. **origin institute:** Southern Illinois University, Carbondale, Illinois. **pedigree:** Colchicine-treated, ploidy not indicated. **collected:** 1962. Perennial. Breeding Material. Seed.

PI 553701 to 553702. *Rubus leucodermis* Douglas ex Torrey & A. Gray
ROSACEAE Black Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received August 24, 1989.

PI 553701 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **local name:** Black Raspberry. **collected:** August 1989. **locality:** Beaver Creek, wet grazed meadow, Coeur d'Alene Nat'l For. **latitude:** 47 deg. 30 min. N. **longitude:** 116 deg. 00 min. W. **elevation:** 790m. Perennial. Wild. Seed.

PI 553702 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** August 1989. **locality:** Helena Nat'l Forest, Sulfur Bar, along roadsides. **latitude:** 46 deg. 15 min. N. **longitude:** 111 deg. 30 min. W. **elevation:** 1430m. Perennial. Wild. Seed.

PI 553703. *Rubus lindebergii* Muller ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 553704. *Rubus lucidus* Rydb. ROSACEAE Blackberry

Donated by: Whiting, L., Del Valle, Texas, United States. Received May 04, 1987.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Texan seedlot. **collected:** October 1986. **locality:** Austin, TX. **latitude:** 30 deg. 07 min. N. **longitude:** 97 deg. 50 min. W. Perennial. Breeding Material. Plant.

PI 553705. *Rubus lucidus* Rydb. ROSACEAE Blackberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received May 04, 1988.

PI 553705-continued

origin: United States. **historical origin:** United States.
origin institute: USDA/ARS, NCGR-Corvallis, Corvallis,
Oregon. **pedigree:** Seed from seedling selection of
seedlot CRUB 832. **collected:** May 1988. Perennial.
Breeding Material. Seed.

PI 553706 to 553707. *Rubus macilentus* Cambess. ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept.
Horticulture, Corvallis, Oregon, United States. Received January
12, 1989.

PI 553706 **origin:** Pakistan. **pedigree:** Collected from the wild in
Pakistan. **collected:** June 24, 1988. **locality:**
Nathiagali and Dungagali, along roadside. **latitude:** 34
deg. 02 min. N. **longitude:** 73 deg. 24 min. E.
elevation: 2160m. **remarks:** *Rubus* from Nathiagali.
Perennial. Wild. Seed.

PI 553707 **origin:** Pakistan. **pedigree:** Collected from the wild in
Pakistan. **collected:** June 28, 1988. **locality:** Wet gully
on roadside from Nathiagali to Abbotabad. **latitude:** 34
deg. 05 min. N. **longitude:** 73 deg. 22 min. E.
Perennial. Wild. Seed.

PI 553708. *Rubus macraei* A. Gray ROSACEAE

Donated by: Wood, G., Scottish Crop Research Inst., Invergowrie,
Scotland, United Kingdom. Received July 31, 1987.

origin: United Kingdom. **historical origin:** United
States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447
Peoria Road, Corvallis, Oregon. **pedigree:** Increased seed
from clone sent by Scottish Hort. Res. Inst. **other id:** Q
26679. Perennial. Breeding Material. Seed.

PI 553709. *Rubus macraei* A. Gray ROSACEAE

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research
Division, Watsonville, California, United States. Received December
10, 1986.

origin: United States. **pedigree:** Collected from the wild
in Hawaii. **collected:** 1970. **locality:** Mt. View, Hawaii.
latitude: 20 deg. N. **longitude:** 155 deg. W. **elevation:**
4200m. Perennial. Wild. Seed.

PI 553710. *Rubus macrocarpus* Benth. ROSACEAE

Donated by: Crawford, C.E., Lacey Springs, Alabama, United States.
Received November 28, 1988.

origin: Colombia. **pedigree:** Collected from the wild in
Columbia. **local name:** Colombian Berry, Giant Blackberry.
locality: El Pinyon. **latitude:** 03 deg. 45 min. N.
longitude: 70 deg. W. Perennial. Wild. Seed.

PI 553711. *Rubus microphyllus* L. f. ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department,
Gofuku, Toyama, Japan. Received October 30, 1982.

* *Rubus microphyllus* L. f. var. *microphyllus* ROSACEAE
Raspberry
origin: Japan. **historical origin:** United States. **origin**
institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon. **pedigree:** Seedling selection from
wild Japanese seedlot CRUB 1494. Perennial. Breeding
Material. Plant.

PI 553712. *Rubus minusculus* A. Leveille & Vaniot ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department,
Gofuku, Toyama, Japan. Received October 30, 1982.

origin: Japan. **pedigree:** Collected from the wild in
Japan. **collected:** July 09, 1981. **locality:** Yahiko-san
Fukuoka prefecture. **latitude:** 33 deg. 30 min. N.
longitude: 131 deg. 0 min. E. Perennial. Wild. Seed.

PI 553713. *Rubus miszczenkoi* Juz. ROSACEAE

Donated by: Vitkosvskij, V.L., N.I. Vavilov Inst., St. Petersburg,
USSR. Received March 16, 1987.

origin: USSR. **historical origin:** United States. **origin**
institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon. **pedigree:** Seedling selection from
seedlot CRUB 1538. Perennial. Breeding Material.
Plant.

PI 553714. *Rubus moluccanus* L. ROSACEAE Raspberry

Donated by: Soderholm, P.K., USDA/ARS, Subtropical Hort. Res.
Station, Miami, Florida, United States. Received September 23,
1982.

PI 553714-continued

origin: United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Scottish seedlot. **restricted:** WEED. Perennial. Breeding Material. Plant.

PI 553715. *Rubus moluccanus* L. ROSACEAE Raspberry

Donated by: Jennings, D.L., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received November 01, 1982.

origin: United Kingdom. **pedigree:** Collected from the wild in Scotland. **latitude:** 57 deg. N. **longitude:** 04 deg. W. **restricted:** WEED. Perennial. Wild. Seed.

PI 553716. *Rubus moschus* Juz. ROSACEAE

Donated by: Vitkosvskij, V.L., N.I. Vavilov Inst., St. Petersburg, USSR. Received March 16, 1987.

origin: UNCERTAIN. **pedigree:** Uncertain, possibly collected from the wild. Perennial. Seed.

PI 553717 to 553718. *Rubus mulleri* Lef. ex Muller ROSACEAE Raspberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received May 05, 1986.

PI 553717 **origin:** Australia. **pedigree:** Probably originally collected from the wild in Australia. **local name:** Queensland Raspberry. **collected:** April 24, 1986. Perennial. Cultivated. Plant.

PI 553718 **origin:** Australia. **pedigree:** Open pollinated from botanical collection. **local name:** Queensland Raspberry. **collected:** April 23, 1986. **remarks:** Voucher held at New South Wales. Perennial. Cultivated. Seed.

PI 553719. *Rubus neomexicanus* A. Gray ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553719-continued

origin: United States. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **local name:** New Mexico Raspberry. Perennial. Breeding Material. Plant.

PI 553720. *Rubus neomexicanus* A. Gray ROSACEAE Raspberry

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received December 09, 1983.

origin: United States. **pedigree:** Collected from the wild in Arizona. **local name:** New Mexico Raspberry. **locality:** Mt. Graham. **latitude:** 32 deg. 45 min. N. **longitude:** 109 deg. 50 min. W. Perennial. Wild. Plant.

PI 553721. *Rubus nessensis* Hall ROSACEAE Raspberry

Donated by: Weber, H.E., Universitat Osnabruck, Vechta, Germany. Received November 06, 1989.

origin: Germany. **pedigree:** Collected from the wild in West Germany. **collected:** 1989. **locality:** Losheim, Saarland. **latitude:** 49 deg. 15 min. N. **longitude:** 07 deg. 00 min. E. Perennial. Wild. Seed.

PI 553722. *Rubus nessensis* Hall ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 553723. *Rubus niveus* Thunb. ROSACEAE Raspberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received January 17, 1983.

origin: India. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from Indian seedlot CRUB 1516. Perennial. Breeding Material. Plant.

PI 553724. *Rubus niveus* Thunb. ROSACEAE Raspberry

Donated by: Soderholm, P.K., USDA/ARS, Subtropical Hort. Res. Station, Miami, Florida, United States. Received July 14, 1983.

origin: United States. **historical origin:** India.
collected: July 1983. **remarks:** Adapted to subtropical regions, evergreen. Perennial. Primitiv-cv. Seed.

PI 553725. *Rubus niveus* Thunb. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 17, 1987.

origin: UNCERTAIN. **pedigree:** Collected from the wild either in India or China. Perennial. Wild. Seed.

PI 553726 to 553732. *Rubus niveus* Thunb. ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 12, 1989.

PI 553726 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 30, 1988. **locality:** In gully along roadside in the Jehlum River valley. **latitude:** 34 deg. 07 min. N. **longitude:** 73 deg. 38 min. E. **elevation:** 1840m. **remarks:** 3 packages. Perennial. Wild. Seed.

PI 553727 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 22, 1988. **locality:** 15km SE of Mingora in a cut-over and grazed forest. **latitude:** 34 deg. 40 min. N. **longitude:** 72 deg. 23 min. E. **elevation:** 1450m. **remarks:** NWFP, Swat. Perennial. Wild. Seed.

PI 553728 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** July 06, 1988. **locality:** Forest Dept. Nursery, NWFP, Kagan Div., Malakandig. **latitude:** 34 deg. 40 min. N. **longitude:** 73 deg. 28 min. E. **elevation:** 1384m. Perennial. Wild. Seed.

PI 553729 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 29, 1988. **locality:** 21km NE of Manshera, below the road near a culvert. **latitude:** 34 deg. 25 min. N. **longitude:** 73 deg. 17 min. E. **elevation:** 1120m. Perennial. Wild. Seed.

PI 553726 to 553732-continued

- PI 553730 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 30, 1988. **locality:** Chikar, on roadcut. **latitude:** 34 deg. 09 min. N. **longitude:** 73 deg. 51 min. E. **elevation:** 1540m. Perennial. Wild. Seed.
- PI 553731 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** October 13, 1988. **locality:** By Kunar River. **latitude:** 34 deg. 45 min. N. **longitude:** 73 deg. 32 min. E. **elevation:** 2000m. **remarks:** Kugan?. Perennial. Wild. Seed.
- PI 553732 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** August 08, 1988. **locality:** 60km NE of Mingora. **latitude:** 34 deg. 55 min. N. **longitude:** 72 deg. 32 min. E. **elevation:** 2153m. Perennial. Wild. Seed.

PI 553733 to 553738. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 23, 1981.

- PI 553733 **origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Allen. **pedigree:** Bristol x Cumberland. **other id:** NY 30001. **other id:** Allen Antwerp. **other id:** False Red Antwerp. **remarks:** Received as virus indexed. Perennial. Cultivar. Plant.
- PI 553734 **origin:** United States. **historical origin:** United States. **origin institute:** Iowa State University, Agricultural Experiment Station, Ames, Iowa 50011. **cultivar:** Blackhawk. **pedigree:** Quillan x Black Pearl. **other id:** Black Hawk. **other id:** Iowa 20. **remarks:** Fruit black, large, to 3/4 in. diameter. Perennial. Cultivar. Plant.
- PI 553735 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Bristol. **pedigree:** Watson Prolific x Honeysweet. **remarks:** Fruit medium-large, firm, with good flavor and glossy skin, good yielder, susceptible to anthracnose, mildew-tolerant. Perennial. Cultivar. Plant.

PI 553733 to 553738-continued

PI 553736 **origin:** United States. **historical origin:** United States.
origin institute: Cornell University, Agricultural
Experiment Station, Geneva, New York 14456. **cultivar:**
Huron. **pedigree:** Rachel x Dundee. **other id:** NY 27189.
remarks: Vigorous producer. Perennial. Cultivar.
Plant.

PI 553737 **origin:** United States. **historical origin:** United States.
cultivar: Plum Farmer. **pedigree:** Chance seedling.
remarks: Early to mid season, lacks gloss of some
varieties. Perennial. Cultivar. Plant.

PI 553738 **origin:** United States. **historical origin:** United States.
cultivar: Shuttleworth. **remarks:** Flesh firm, qual
superior, somewhat tolerant to green mosaic. Perennial.
Cultivar. Plant.

PI 553739 to 553741. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received February 08, 1985.

PI 553739 **origin:** United States. **historical origin:** United States.
cultivar: Cumberland. **pedigree:** Uncertain, possibly a
seedling of Gregg. **remarks:** Plants tall, upright,
spreading. Berries are large, very firm, of high
quality. Mid-season, anthracnose-susceptible.
Perennial. Cultivar. Plant.

PI 553740 **origin:** United States. **historical origin:** United States.
cultivar: Munger. **pedigree:** Seedling selection of cv
Schaffer. **remarks:** July harvest. Most vigorous of black
raspberry varieties in Oregon. Berries small-medium,
blue-black, firm. Perennial. Cultivar. Plant.

PI 553741 **origin:** United States. **historical origin:** United States.
cultivar: New Logan. **pedigree:** Unknown. **remarks:** Early
ripening. Perennial. Cultivar. Plant.

PI 553742. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received March 25, 1984.

PI 553742-continued

origin: United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York 14456. **cultivar:** Jewel. **pedigree:** (Bristol x Dundee) x Dundee. **other id:** NY 628. **remarks:** Concentrated ripening habit, 2-3 pickings. Perennial. Cultivar. Plant.

PI 553743. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 09, 1982.

origin: United States. **pedigree:** Collected from the wild in Iowa. **local name:** Black cap. **collected:** August 13, 1982. **locality:** Ames, Iowa at 6th St & Squaw Creek. **latitude:** 42 deg. N. **longitude:** 92 deg. 40 min. W. **elevation:** 200m. Perennial. Wild. Seed.

PI 553744. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 01, 1982.

origin: United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Scottish seedlot CRUB 1513. Perennial. Breeding Material. Plant.

PI 553745. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received January 18, 1983.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **pedigree:** Open-pollinated Munger seed. **remarks:** Received for germination and use as virus indicator plants. Perennial. Breeding Material. Seed.

PI 553746. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received February 02, 1983.

PI 553746-continued

origin: United States. **historical origin:** United States.
origin institute: Michigan State University, Michigan.
cultivar: Ml. Perennial. Cultivar. Plant.

PI 553747. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received May 06, 1983.

origin: United States. **historical origin:** United States.
origin institute: University of Maryland, College Park, Maryland. **cultivar:** Allegany. **pedigree:** (Manteo selfed) x Dundee. Perennial. Cultivar. Plant.

PI 553748. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Sanford, J.C., New York State Univ., Dept. Pomology & Viticulture, Geneva, New York, United States. Received December 05, 1983.

origin: United States. **historical origin:** Canada.
cultivar: Lowden. **pedigree:** Considered to be Bristol x Sodus, direction of cross unknown. **other id:** Plant Patent 2013. **group:** PREV. **remarks:** Extremely large, purplish-black fruit. Perennial. Cultivar. Plant.

PI 553749 to 553753. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received March 26, 1984.

PI 553749 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** June 15, 1959. **locality:** Sparta, Missouri. **latitude:** 36 deg. 50 min. N. **longitude:** 93 deg. 05 min. W. Perennial. Wild. Seed.

PI 553750 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** June 19, 1959. **locality:** Norwood, Missouri. **latitude:** 37 deg. 05 min. N. **longitude:** 92 deg. 30 min. W. Perennial. Wild. Seed.

PI 553751 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** June 19, 1959. **locality:** Fordland, Missouri. **latitude:** 37 deg. 05 min. N. **longitude:** 93 deg. 00 min. W. Perennial. Wild. Seed.

PI 553749 to 553753-continued

PI 553752 **origin:** United States. **pedigree:** Collected from the wild. **collected:** June 19, 1959. Perennial. Wild. Seed.

PI 553753 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** June 22, 1959. **locality:** Ava, Missouri. **latitude:** 37 deg. 53 min. N. **longitude:** 89 deg. 30 min. W. Perennial. Wild. Seed.

PI 553754. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Swartz, H.J., University of Maryland, Dept. Horticulture, College Park, Maryland, United States. Received February 20, 1985.

origin: United States. **historical origin:** United States. **cultivar:** Black Knight. **pedigree:** Johnson Everbearing selfed. **remarks:** Berries large, up to 1 cm in diameter, hemispherical, black, ripens early, everbearing. Perennial. Cultivar. Plant.

PI 553755 to 553763. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received January 22, 1986.

PI 553755 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-3. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Piedmont-Coastal Plain from field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Collected for heat and fungus disease resistance. Perennial. Breeding Material. Plant.

PI 553756 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-4. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Piedmont Coastal Plain, along field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Coll. for heat and fungus disease res. tends to fall bloom. Perennial. Breeding Material. Plant.

PI 553755 to 553763-continued

- PI 553757 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-5. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Piedmont Coastal Plain along field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Collected for heat and fungus disease resistance. Perennial. Breeding Material. Plant.
- PI 553758 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-6. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Piedmont coastal Plain, along field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Collected for heat and fungus disease resistance. Perennial. Breeding Material. Plant.
- PI 553759 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-7. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Piedmont-Coastal Plain along field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Collected for heat and fungus disease resistance. Perennial. Breeding Material. Plant.
- PI 553760 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-8. **pedigree:** Selection from the wild. **locality:** Piedmont-Costal Plain from field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Collected for heat and fungus disease resistance. Perennial. Breeding Material. Plant.
- PI 553761 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-9. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Piedmont-Coastal Plain from field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Collected for heat and fungus disease resistance. Perennial. Breeding Material. Plant.
- PI 553762 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-2. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Jackson county, along trail up Waterrock Knob. **latitude:** 35 deg. 20 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 2100m. **remarks:** Canes over 6 feet tall, arching. Perennial. Breeding Material. Plant.

PI 553755 to 553763-continued

PI 553763 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 84-10-10. **pedigree:** Selection from the wild. **collected:** 1984. **locality:** Piedmont-Coastal Plain along field borders. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 20 min. W. **elevation:** 100m. **remarks:** Collected for heat and fungus disease resistance. Perennial. Breeding Material. Plant.

PI 553764 to 553766. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received July 02, 1987.

PI 553764 **origin:** United States. **pedigree:** Collected from the wild in Michigan. **locality:** Oak Grove, Michigan. **latitude:** 41 deg. 95 min. N. **longitude:** 86 deg. W. **elevation:** 264m. Perennial. Wild. Seed.

PI 553765 **origin:** United States. **pedigree:** Collected from the wild in Michigan. **locality:** Fred Russ State Forest. **latitude:** 41 deg. 95 min. N. **longitude:** 86 deg. W. **elevation:** 264m. Perennial. Wild. Seed.

PI 553766 **origin:** United States. **pedigree:** Collected from the wild in Michigan. **locality:** Fred Russ State Forest. **latitude:** 41 deg. 95 min. N. **longitude:** 86 deg. W. **elevation:** 262m. Perennial. Wild. Seed.

PI 553767. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

origin: UNCERTAIN. **pedigree:** Collected from the wild. Perennial. Wild. Seed.

PI 553768. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United States. Received May 04, 1988.

origin: United States. **historical origin:** United States. **cultivar:** Hanover. **local name:** Black Raspberry. **remarks:** Vigorous, highly disease resistant. Perennial. Cultivar. Plant.

PI 553769 to 553771. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Norton, R.A., Washington State University, Northwest Res. and Ext. Unit, Mt. Vernon, Washington, United States. Received August 02, 1989.

PI 553769 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maryland, College Park, Maryland. **cultivar:** Haut. **pedigree:** Manteo selfed x Bristol selfed. **local name:** Black Raspberry. Perennial. Cultivar. Tissue Culture.

PI 553770 **origin:** United States. **historical origin:** United States. **origin institute:** Cornell University, Agricultural Experiment Station, Geneva, New York. **cultivar:** Dundee. **pedigree:** Smith No. 1 x Palmer. Perennial. Cultivar. Plant.

PI 553771 **origin:** United States. **historical origin:** United States. **cultivar:** John Robertson. Perennial. Cultivar. Plant.

PI 553772. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Smith, Brian, University of Wisconsin, River Falls, Wisconsin, United States. Received September 29, 1989.

origin: United States. **historical origin:** United States. **cultivar:** John Robertson. **remarks:** Hardy to 32 degrees, more so than Black Hawk. Perennial. Cultivar. Cutting.

PI 553773. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Putensen, C.A., RR 1, Spencer, Iowa, United States. Received April 18, 1990.

origin: United States. **cultivar:** Ebonee. **pedigree:** Cumberland seedling selection. **other id:** Plant Patent 2101. **group:** PREV. Perennial. Cultivar. Plant.

PI 553774. *Rubus occidentalis* L. ROSACEAE Black Raspberry

Donated by: Holloway, P., University of Alaska, Fairbanks, Alaska, United States. Received February 11, 1991.

origin: USSR. **origin institute:** VASKNIL, Lesavenko Institute, Barnaul. **collected:** August 10, 1990. Perennial. Breeding Material. Seed.

PI 553775 to 553776. *Rubus odoratus* L. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553775 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Extension Station, Puyallup, Washington. **pedigree:** OP seedling selection. Perennial. Breeding Material. Plant.

PI 553776 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Station, Wenatchee, Washington 98801. Perennial. Breeding Material. Plant.

PI 553777. *Rubus odoratus* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 01, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Purple-flowering Raspberry. **collected:** September 19, 1981. **locality:** Florence, Oregon. **latitude:** 43 deg. 55 min. N. **longitude:** 124 deg. 10 min. W. **elevation:** 91m. Perennial. Wild. Plant.

PI 553778. *Rubus odoratus* L. ROSACEAE Raspberry

Donated by: Hortus Botanicus Acad. Sci., Tashkent, Uzbek SSR, USSR. Received April 15, 1987.

origin: USSR. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553779. *Rubus odoratus* L. ROSACEAE Raspberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received October 24, 1989.

origin: United States. **pedigree:** Collected from the wild in North Carolina. **local name:** Purple-flowering Raspberry. **collected:** September 13, 1989. **locality:** Along West side of Southern RR above thw Nantahala River. **latitude:** 35 deg. 20 min. N. **longitude:** 83 deg. 37 min. W. **elevation:** 540m. **remarks:** Herbarium sample received also. Perennial. Wild. Seed.

PI 553780 to 553781. *Rubus orarius* Blanchard ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received April 02, 1986.

PI 553780 **origin:** New Zealand. **pedigree:** Collected from the wild in New Zealand. **locality:** Northlands, NZ. **latitude:** 39 deg. S. **longitude:** 176 deg. E. **remarks:** From species collection of Harvey Hall. Perennial. Wild. Seed.

PI 553781 **origin:** New Zealand. **pedigree:** Collected from the wild in New Zealand. **locality:** Paringa, NZ. **latitude:** 49 deg. S. **longitude:** 174 deg. E. **remarks:** From species collection of Harvey Hall. Perennial. Wild. Seed.

PI 553782. *Rubus palmatus* Thunb. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: Japan. **origin institute:** Department of Biology, Toyama University, Gofuku, Toyama 930. Perennial. Breeding Material. Plant.

PI 553783. *Rubus palmatus* Thunb. ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received October 30, 1982.

origin: Japan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Japanese seedlot CRUB 1495. Perennial. Breeding Material. Plant.

PI 553784 to 553787. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553784 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **locality:** Klapatche Point, Mt. Rainier National Park. **latitude:** 47 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. Perennial. Wild. Plant.

PI 553784 to 553787-continued

PI 553785 **origin:** UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Extension
Station, Puyallup, Washington. Perennial. Breeding
Material. Plant.

PI 553786 **origin:** UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit
Research Center, Wenatchee, Washington. Perennial.
Breeding Material. Plant.

PI 553787 **origin:** UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit
Research Center, Wenatchee, Washington. Perennial.
Breeding Material. Plant.

PI 553788. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon, United States. Received October 30, 1982.

origin: Japan. **pedigree:** Collected from the wild in
Japan. **collected:** August 06, 1981. **locality:** Ida River,
Toyama Prefecture, near Shimonomyo-onsen. **latitude:** 36
deg. 34 min. N. **longitude:** 137 deg. 08 min. E.
elevation: 550m. Perennial. Wild. Seed.

PI 553789. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received October 30, 1982.

origin: United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Salmonberry. **collected:** October
07, 1983. **locality:** Corvallis. **latitude:** 44 deg. 36
min. N. **longitude:** 123 deg. 15 min. W. **elevation:** 600m.
Perennial. Wild. Seed.

PI 553790 to 553791. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received August 01, 1982.

PI 553790 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Salmonberry. **collected:** August
01, 1982. **locality:** Near Breitenbush Lake at Detroit,
OR. **latitude:** 44 deg. 45 min. N. **longitude:** 122 deg. 28
min. W. **elevation:** 650m. Perennial. Wild. Seed.

PI 553790 to 553791-continued

PI 553791 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** June 01, 1982. **locality:** Near Breitenbush Lake at Detroit, OR. **latitude:** 44 deg. 45 min. N. **longitude:** 122 deg. 28 min. W. **elevation:** 650m. Perennial. Wild. Seed.

PI 553792. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Chandler, J., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 01, 1982.

origin: United States. **pedigree:** Collected from the wild in Montana. **local name:** Salmonberry. **collected:** September 30, 1981. **locality:** Polson, MT. **latitude:** 47 deg. 40 min. N. **longitude:** 114 deg. 10 min. W. Perennial. Wild. Plant.

PI 553793. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Chandler, J., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 30, 1981.

origin: United States. **pedigree:** Collected from the wild in Montana. **local name:** Salmonberry. **collected:** August 1980. **locality:** Polson, MT. **latitude:** 47 deg. 40 min. N. **longitude:** 114 deg. 10 min. W. Perennial. Wild. Plant.

PI 553794. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Chandler, J., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 23, 1982.

origin: United States. **pedigree:** Collected from the wild in Montana. **local name:** Salmonberry. **collected:** August 24, 1982. **locality:** Rock Creek in Lolo National Forest. **latitude:** 46 deg. 30 min. N. **longitude:** 114 deg. W. **elevation:** 1373m. Perennial. Wild. Seed.

PI 553795 to 553797. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 07, 1984.

PI 553795 to 553797-continued

PI 553795 **origin:** Canada. **pedigree:** Collected from the wild in British Columbia. **local name:** Salmonberry. **collected:** July 01, 1984. **locality:** Crownest Pass, Island Lake Campground. **latitude:** 49 deg. 10 min. N. **longitude:** 114 deg. 40 min. W. **elevation:** 1380m. **remarks:** Plants .75 M tall, leaf size reduced, few flowers. Perennial. Wild. Plant.

PI 553796 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **local name:** Salmonberry. **collected:** July 01, 1984. **locality:** Boundary County 1 mile south of the Canadian Border. **latitude:** 49 deg. N. **longitude:** 116 deg. 30 min. W. **elevation:** 840m. **remarks:** Plant upright to 1 M, plants in flower at time of collection. Perennial. Wild. Plant.

PI 553797 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **local name:** Salmonberry. **collected:** July 01, 1984. **locality:** Trail Creek Rd. near Naples. **latitude:** 48 deg. 30 min. N. **longitude:** 113 deg. W. **elevation:** 950m. **remarks:** Upright plant, in flower 7-1-84. Perennial. Wild. Plant.

PI 553798. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Westigard, P.H., Oregon State University, Southern Oregon Experiment Station, Medford, Oregon, United States. Received July 10, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 07, 1985. **locality:** Camp Tadmor, McDowell Creek Park. **latitude:** 44 deg. 40 min. N. **longitude:** 123 deg. 20 min. W. **remarks:** Typical for species. Perennial. Wild. Seed.

PI 553799 to 553802. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

PI 553799 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, growing along roadside. **latitude:** 44 deg. N. **longitude:** 123 deg. 50 min. W. **elevation:** 120m. **remarks:** Typical morphology for species. Perennial. Wild. Seed.

PI 553799 to 553802-continued

PI 553800 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 24, 1985. **locality:** Siskiyou National Forest. **latitude:** 42 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 510m. **remarks:** Small fruit population sample. Perennial. Wild. Seed.

PI 553801 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 28, 1985. **locality:** Near River edge, Deschutes National Forest. **latitude:** 43 deg. 30 min. N. **longitude:** 121 deg. 45 min. W. **elevation:** 4200m. **remarks:** Small fruit population sample. Perennial. Wild. Seed.

PI 553802 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 23, 1985. **locality:** Siuslaw Nat'l Forest in mature old-growth forest. **latitude:** 44 deg. 00 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 10m. **remarks:** Fruit typical of species, variable size, population sample. Perennial. Wild. Seed.

PI 553803 to 553804. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

PI 553803 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 05, 1985. **locality:** Gifford Pinchot Nat' Forest, near Wind River Forest Nursery. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1230m. **remarks:** Fruit population typical for species. Perennial. Wild. Seed.

PI 553804 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 08, 1985. **locality:** Olympic Nat'l Forest near the Satsop River. **latitude:** 47 deg. 10 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 530m. **remarks:** Fruit rot widespread in this population sample. Perennial. Wild. Seed.

PI 553805. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

PI 553805-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** August 28, 1985. **locality:** Three Sisters Wilderness Area at edge of conifer forest. **latitude:** 44 deg. 30 min. N. **longitude:** 125 deg. 00 min. W. **elevation:** 1650m. **remarks:** Typical but short, fruit in area delayed by late snow drifts. Perennial. Wild. Seed.

PI 553806 to 553807. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

PI 553806 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Salmonberry. **collected:** August 05, 1986. **locality:** Lassen Nat'l Forest, on bank of small creek. **latitude:** 40 deg. 40 min. N. **longitude:** 121 deg. 35 min. W. **elevation:** 1800m. **remarks:** Sample from one clone, typical, no fruit. Perennial. Wild. Plant.

PI 553807 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Salmonberry. **collected:** August 05, 1986. **locality:** Plumas Nat'l Forste in open area along south bank of stream. **latitude:** 39 deg. 50 min. N. **longitude:** 121 deg. 35 min. W. **elevation:** 1470m. **remarks:** Typical, to 0.7m, spreading, some extensive populations. Perennial. Wild. Seed.

PI 553808. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received August 26, 1987.

origin: United States. **pedigree:** Collected from the wild in Colorado. **local name:** Salmonberry. **collected:** August 09, 1987. **locality:** Pitkin County, along Difficult Creek Trail. **latitude:** 39 deg. 08 min. N. **longitude:** 106 deg. 45 min. W. **elevation:** 2650m. **remarks:** Herbarium specimens and seed from several plants 3x4m area. Perennial. Wild. Seed.

PI 553809. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

PI 553809-continued

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Experiment
Station, Puyallup, Washington. **pedigree:** Uncertain, 4x.
Perennial. Breeding Material. Seed.

PI 553810. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort.
Science, St. Paul, Minnesota, United States. Received August 10,
1989.

origin: United States. **pedigree:** Collected from the wild
in Montana. **local name:** Salmonberry. **collected:** 1989.
locality: Along Jack Creek in the Madison Range,
Beaverhead N.F. **latitude:** 45 deg. 30 min. N. **longitude:**
115 deg. 50 min. W. **elevation:** 1675m. Perennial. Wild.
Seed.

PI 553811 to 553812. *Rubus parviflorus* Nutt. ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort.
Science, St. Paul, Minnesota, United States. Received August 24,
1989.

PI 553811 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Salmonberry. **collected:** August
1989. **locality:** Dobson Pass, Coeur d'Alene Nat'l Forest.
latitude: 47 deg. 30 min. N. **longitude:** 116 deg. 00 min.
W. **elevation:** 1235m. Perennial. Wild. Seed.

PI 553812 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Salmonberry. **collected:** August
1989. **locality:** Luby Bay on Priest Lake, wet, lush
forest community. **latitude:** 48 deg. 15 min. N.
longitude: 116 deg. 30 min. W. **elevation:** 700m.
Perennial. Wild. Seed.

PI 553813 to 553816. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment
Station, Puyallup, Washington, United States. Received March 18,
1981.

PI 553813 **origin:** Japan. **origin institute:** Department of Biology,
Toyama University, Gofuku, Toyama 930. Perennial.
Breeding Material. Plant.

PI 553813 to 553816-continued

- PI 553814 **origin:** Japan. **origin institute:** Department of Biology, Toyama University, Gofuku, Toyama 930. **Perennial.** **Breeding Material.** **Plant.**
- PI 553815 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **Perennial.** **Breeding Material.** **Plant.**
- PI 553816 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Uncertain, 4n. **Perennial.** **Breeding Material.** **Plant.**

PI 553817. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Shimura, I., Tokyo University, Tokyo, Japan. Received October 30, 1982.

origin: Japan. **pedigree:** Collected from the wild in Japan. **collected:** September 1981. **locality:** Hukuba Village, Nagano prefecture. **latitude:** 36 deg. 15 min. N. **longitude:** 138 deg. 0 min. E. **elevation:** 1500m. **Perennial.** **Wild.** **Seed.**

PI 553818. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Parliman, B.J., USDA/ARS/PGGI, Plant Introduction Station, Beltsville, Maryland, United States. Received June 26, 1984.

origin: USSR. **pedigree:** Open pollinated from botanical collection. **Perennial.** **Cultivated.** **Seed.**

PI 553819. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received May 05, 1986.

origin: Australia. **pedigree:** Collected from the wild in Australia. **collected:** February 20, 1963. **locality:** Mt. Gingera, Brindabella Range. **latitude:** 33 deg. 30 min. S. **longitude:** 150 deg. E. **Perennial.** **Wild.** **Plant.**

PI 553820. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received July 23, 1986.

origin: Australia. **pedigree:** Collected from the wild in Tasmania. **locality:** Dulverton Hill near Railton. **latitude:** 41 deg. 19 min. S. **longitude:** 146 deg. 25 min. E. Perennial. Wild. Seed.

PI 553821. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received July 11, 1988.

origin: United States. **pedigree:** Collected from the wild in Iowa. **collected:** June 25, 1988. **locality:** Grassy ditch, Story County. **latitude:** 42 deg. N. **longitude:** 93 deg. 40 min. W. **elevation:** 300m. **remarks:** Vigorous groundcover, has escaped to a number of sites. Perennial. Wild. Seed.

PI 553822. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 29, 1988.

origin: China. **pedigree:** Collected from the wild in China. **local name:** Nawashiro-ichigo. **collected:** 1988. **latitude:** 33 deg. N. **longitude:** 120 deg. E. Perennial. Wild. Seed.

PI 553823. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Gu, Yin, Nanjing Botanical Gardens, Mem. Sun Yat-Sen, Nanjing, Jiangsu, China. Received January 22, 1990.

origin: China. **pedigree:** Open pollinated from botanical collection. **local name:** Nawashiro-ichigo. Perennial. Cultivated. Seed.

PI 553824. *Rubus parvifolius* L. ROSACEAE Raspberry

Donated by: Gu, Yin, Nanjing Botanical Garden, Mem. Sun Yat-Sen, Nanjing, Jiangsu, China. Received January 29, 1990.

PI 553824-continued

origin: China. **pedigree:** Open pollinated from botanical collection. **local name:** Nawashiro-ichigo. Perennial. Cultivated. Seed.

PI 553825. *Rubus parvus* J. Buch. ROSACEAE

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received May 05, 1983.

origin: New Zealand. **pedigree:** Probably once collected wild in New Zealand. Perennial. Cultivated. Plant.

PI 553826. *Rubus pedatus* Smith ROSACEAE Raspberry

Donated by: Gunning, J., Salem, Oregon, United States. Received July 23, 1982.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Washington seedlot CRUB 1505. **local name:** Alaska Berry. Perennial. Breeding Material. Plant.

PI 553827 to 553830. *Rubus pedatus* Smith ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

PI 553827 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Alaska Berry. **collected:** August 10, 1985. **locality:** Hoh Rain Forest in old-growth ecosystem. **latitude:** 47 deg. 40 min. N. **longitude:** 124 deg. W. **elevation:** 266m. **remarks:** Only a few drupelets per fruit. Perennial. Wild. Seed.

PI 553828 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Alaska Berry. **collected:** August 10, 1985. **locality:** Olympic Nat'l Forest in clearcut along ridgetop. **latitude:** 47 deg. 30 min. N. **longitude:** 124 deg. W. **elevation:** 1200m. **remarks:** Fruit population sample. Perennial. Wild. Seed.

PI 553827 to 553830-continued

PI 553829 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Alaska Berry. **collected:** August 13, 1985. **locality:** Olympic Nat'l Forest in clearcut, steep slopes. **latitude:** 48 deg. N. **longitude:** 124 deg. W. **elevation:** 1000m. **remarks:** Fruit pleasant, mild, slightly acidic, population sample. Perennial. Wild. Seed.

PI 553830 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Washington seedlot CRUB 1580. **local name:** Alaska Berry. Perennial. Breeding Material. Plant.

PI 553831. *Rubus pedatus* Smith ROSACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 17, 1986.

* *Rubus arcticus* L. ROSACEAE Raspberry
origin: United States. **pedigree:** Collected from the wild in Alaska. **collected:** August 25, 1986. **locality:** Paxton Lake Recreational Area along lakeside. **latitude:** 62 deg. 45 min. N. **longitude:** 145 deg. 39 min. W. **elevation:** 750m. **remarks:** Low herbaceous plant with rhizomes, no fruit leaves turning color. Perennial. Wild. Plant.

PI 553832. *Rubus pedatus* Smith ROSACEAE Raspberry

Donated by: Berry Botanic Garden, 11505 SW Summerville Ave., Portland, Oregon, United States. Received December 28, 1988.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Alaska Berry. **locality:** Western Slope of the Oregon Cascades. **latitude:** 44 deg. N. **longitude:** 122 deg. 30 min. W. **elevation:** 500m. Perennial. Wild. Seed.

PI 553833. *Rubus pedatus* Smith ROSACEAE Raspberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 30, 1990.

PI 553833-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Alaska Berry. **collected:** July 30, 1990. **locality:** 1.5m NE of Crabree Mountain near Crabtree Lake. **latitude:** 44 deg. 40 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 1300m. **remarks:** Collected near *Rubus spectabilis*, *Linnaea borealis*, *Gaultheria ovatifolia* through forested area. Perennial. Wild. Plant.

PI 553834. *Rubus pergratus* Blanchard ROSACEAE

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received July 13, 1987.

origin: United States. **pedigree:** Collected from the wild in Indiana. **latitude:** 40 deg. N. **longitude:** 86 deg. W. Perennial. Wild. Seed.

PI 553835. *Rubus phoenicolasius* Maxim. ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received October 30, 1982.

origin: Japan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Japanese seedlot CRUB 1496. Perennial. Breeding Material. Plant.

PI 553836. *Rubus phoenicolasius* Maxim. ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received April 06, 1990.

origin: Japan. **pedigree:** Open-pollinated from botanical collection. **collected:** June 15, 1989. **locality:** Japan, Honshu, Gifu-Ken, Yoshiki-gun, Miyakawa-mura, Mannami. Perennial. Cultivated. Seed.

PI 553837. *Rubus plicatus* Weihe & Nees ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553837-continued

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit
Research Center, Wenatchee, Washington 98801.
Perennial. Breeding Material. Plant.

PI 553838. *Rubus plicatus* Weihe & Nees ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant
Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical
collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank
Probably apomictic. Perennial. Cultivated. Seed.

PI 553839. *Rubus polyanthemus* Lindeb. ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant
Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical
collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank.
Probably apomictic. Perennial. Cultivated. Seed.

PI 553840. *Rubus praecox* Bertol. ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 15, 1983.

origin: United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Himalaya Blackberry. **collected:**
July 15, 1983. **locality:** Between disturbed subdivision
area and forest, Corvallis. **latitude:** 44 deg. 05 min. N.
longitude: 123 deg. 5 min. W. **elevation:** 45m.
Perennial. Wild. Seed.

PI 553841 to 553843. *Rubus praecox* Bertol. ROSACEAE Blackberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon, United States. Received August 19, 1983.

PI 553841 to 553843-continued

PI 553841 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **local name:** Himalaya Blackberry. **collected:** August 08, 1983. **locality:** Volcano Experiment Station, Big Island. **latitude:** 19 deg. 05 min. N. **longitude:** 155 deg. 03 min. W. **elevation:** 1160m. **remarks:** Fruit here is small, with few drupelets, not vigorous. Perennial. Wild. Seed.

PI 553842 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **local name:** Himalaya Blackberry. **collected:** August 08, 1983. **locality:** Along the road to the Mauna Loa Trail, Big Island. **latitude:** 19 deg. 05 min. N. **longitude:** 155 deg. 05 min. W. **elevation:** 1680m. **remarks:** Fruits here are small with few drupelets. Perennial. Wild. Seed.

PI 553843 **origin:** United States. **pedigree:** Collected from the wild in Hawaii. **local name:** Himalaya Blackberry. **collected:** August 10, 1983. **locality:** Kapapala Ranch, Mauna Loa slope along a jeep road, Big Is. **latitude:** 19 deg. 04 min. N. **longitude:** 155 deg. 06 min. W. **elevation:** 2135m. **remarks:** Fruit here is small with few drupelets. Perennial. Wild. Seed.

PI 553844. *Rubus praecox* Bertol. ROSACEAE Blackberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 14, 1983.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Himalaya Blackberry. **collected:** September 05, 1983. **locality:** Along Fernridge Road near Sweet Home, OR. **latitude:** 44 deg. 04 min. N. **longitude:** 122 deg. 20 min. W. **elevation:** 50m. Perennial. Wild. Seed.

PI 553845. *Rubus praecox* Bertol. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received April 02, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **remarks:** From species collection of Harvey Hall. Perennial. Wild. Seed.

PI 553846. *Rubus praecox* Bertol. ROSACEAE Blackberry

Donated by: Weber, H.E., Universitat Osnabruck, Vechta, Germany.
Received November 06, 1989.

origin: Germany. **pedigree:** Collected from the wild in West Germany. **collected:** 1989. **locality:** Westfalia. **latitude:** 49 deg. N. **longitude:** 07 deg. E. Perennial. Wild. Seed.

PI 553847. *Rubus pubescens* Raf. ROSACEAE Raspberry

Donated by: University of Alberta, Devonian Botanical Garden, Edmonton, Alberta, Canada. Received November 07, 1984.

origin: Canada. **pedigree:** Open pollinated from botanical collection. **local name:** Dwarf Raspberry. **collected:** 1984. Perennial. Cultivated. Seed.

PI 553848. *Rubus pubescens* Raf. ROSACEAE Raspberry

Donated by: Robbins, J., Washington State University, Western Washington Exp. Sta., Puyallup, Washington, United States. Received January 17, 1989.

origin: United States. **historical origin:** United States. **origin institute:** Washington State University, Extension Station, Puyallup, Washington. **local name:** Dwarf Raspberry. Perennial. Breeding Material. Cutting.

PI 553849. *Rubus pungens* Cambess. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. Biennial. Breeding Material. Plant.

PI 553850. *Rubus pyramidalis* Kaltenb. ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E. **remarks:** Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 553851. *Rubus radula* Weihe ROSACEAE

Donated by: Robbins, J., Washington State University, Western Washington Exp. Sta., Puyallup, Washington, United States. Received January 17, 1989.

* *Rubus slesvicensis* Lange ROSACEAE Blackberry
origin: UNCERTAIN. **historical origin:** United States.
origin institute: Southern Illinois University, Carbondale, Illinois. **pedigree:** Uncertain. Perennial.
Breeding Material. Cutting.

PI 553852. *Rubus radula* Weihe ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank
Probably apomictic. Perennial. Cultivated. Seed.

PI 553853. *Rubus rhombifolius* Weihe ROSACEAE Blackberry

Donated by: Weber, H.E., Universitat Osnabruck, Vechta, Germany. Received November 06, 1989.

origin: Germany. **pedigree:** Collected from the wild in West Germany. **collected:** 1989. **locality:** Westfalia.
latitude: 49 deg. N. **longitude:** 07 deg. E. Perennial.
Wild. Seed.

PI 553854. *Rubus rolfei* S. Vidal ROSACEAE Raspberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 30, 1982.

origin: Taiwan. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Taiwanese seedlot CRUB 1502. Perennial.
Breeding Material. Plant.

PI 553855. *Rubus rolfei* S. Vidal ROSACEAE Raspberry

Donated by: Hoffman, T., Gold Beach, Oregon, United States. Received January 18, 1984.

PI 553855-continued

origin: United States. **pedigree:** Uncertain, may be escaped selection of some sort. **remarks:** Uncertain whether the plant resembles wild type. Perennial. Cutting.

PI 553856. *Rubus rosifolius* Smith ROSACEAE Raspberry

Donated by: Naruhashi, N., Toyama University, Biology Department, Gofuku, Toyama, Japan. Received July 13, 1982.

origin: Indonesia. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Javanese seedlot CRUB 1504. Perennial. Breeding Material. Plant.

PI 553857. *Rubus rosifolius* Smith ROSACEAE Raspberry

Donated by: Ito, P.J., Agricultural Experiment Station, Hilo, Hawaii, United States. Received January 28, 1984.

origin: Australia. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Australian seedlot CRUB 1526. Perennial. Breeding Material. Plant.

PI 553858. *Rubus rosifolius* Smith ROSACEAE Raspberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received May 05, 1986.

origin: Australia. **pedigree:** Collected from the wild in Australia. **collected:** August 10, 1963. **locality:** Mt. Glorious, Joiner's Ridge. **latitude:** 24 deg. S. **longitude:** 145 deg. E. **elevation:** 670m. Perennial. Wild. Plant.

PI 553859. *Rubus rosifolius* Smith ROSACEAE Raspberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received March 03, 1987.

origin: United States. **pedigree:** Collected from the wild in Hawaii. **local name:** Akala. **locality:** Glenwood, Big Island. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 20 min. W. Perennial. Wild. Seed.

PI 553860 to 553861. *Rubus rosifolius* Smith ROSACEAE Raspberry

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

PI 553860 **origin:** UNCERTAIN. **pedigree:** Collected from the wild. Perennial. Wild. Seed.

PI 553861 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Southern Illinois University, Carbondale, Illinois. Perennial. Breeding Material. Seed.

PI 553862. *Rubus rugosus* Smith ROSACEAE Black Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received July 16, 1986.

origin: United States. **historical origin:** New Zealand. **cultivar:** Keriberry. **pedigree:** Selection from the wild in New Zealand. **other id:** Keribery. **remarks:** Tender, spiny, dies back in winter in Oregon. Perennial. Cultivar. Plant.

PI 553863. *Rubus sachalinensis* A. Leveille ROSACEAE Raspberry

Donated by: USDA/ARS/NSSL, Colorado State University, Ft. Collins, Colorado, United States. Received April 27, 1981.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Wyoming seedlot CRUB 1493. Perennial. Breeding Material. Plant.

PI 553864 to 553865. *Rubus sachalinensis* A. Leveille ROSACEAE Raspberry

Donated by: Shimura, I., Tokyo University, Tokyo, Japan. Received October 30, 1982.

PI 553864 **origin:** Japan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Japanese seedlot CRUB 1497. Perennial. Breeding Material. Plant.

PI 553864 to 553865-continued

PI 553865 **origin:** Japan. **pedigree:** Collected from the wild in Japan. **collected:** September 1981. **locality:** Alan-machi, Hokkaido, Honshu Island. **latitude:** 14 deg. N. **longitude:** 44 deg. E. **elevation:** 1200m. Perennial. Wild. Seed.

PI 553866. *Rubus sachalinensis* A. Leveille ROSACEAE Raspberry

Donated by: Hao, Rui, Jilin Agricultural Univ., Changchun, Jilin, China. Received January 03, 1985.

origin: China. **pedigree:** Collected from the wild in China. **collected:** 1983. **locality:** Jilin Province. **latitude:** 44 deg. N. **longitude:** 124 deg. E. Perennial. Wild. Seed.

PI 553867. *Rubus sachalinensis* A. Leveille ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 28, 1985. **locality:** Deschutes National Forest, off US97 in trough by cave. **latitude:** 43 deg. 30 min. N. **longitude:** 121 deg. 45 min. W. **elevation:** 4400m. **remarks:** Small fruit from plants less than 2 ft tall. Perennial. Wild. Seed.

PI 553868. *Rubus sachalinensis* A. Leveille ROSACEAE Raspberry

Donated by: Chandler, J., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 02, 1987.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS, NCGR-Corvallis, Corvallis, Oregon. **pedigree:** OP seed from seedling selection from seedlot from Wyoming. Perennial. Breeding Material. Seed.

PI 553869 to 553872. *Rubus sachalinensis* A. Leveille ROSACEAE Raspberry

Donated by: Vorsa, N., Rutgers University, Blueberry/Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 07, 1990.

PI 553869 to 553872-continued

- PI 553869 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.
- PI 553870 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.
- PI 553871 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.
- PI 553872 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.

PI 553873 to 553877. *Rubus sanctus* Schreber ROSACEAE Blackberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 12, 1989.

- PI 553873 **origin:** Pakistan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Pakistani seedlot CRUB 1550. Perennial. Breeding Material. Plant.
- PI 553874 **origin:** Pakistan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Pakistani seedlot CRUB 1551. Perennial. Breeding Material. Plant.
- PI 553875 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 29, 1988. **locality:** 9km NE of Mansehra in a road cut. **latitude:** 34 deg. 20 min. N. **longitude:** 73 deg. 15 min. E. **elevation:** 307m. **remarks:** received as *R. fruticosus*, *R. anatolicus*. Perennial. Wild. Seed.
- PI 553876 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** August 08, 1988. **locality:** 10km SW of Besham, scattered along the roadside. **latitude:** 34 deg. 51 min. N. **longitude:** 72 deg. 54 min. E. **elevation:** 956m. **remarks:** received as *R. fruticosus*, *R. anatolicus*. Perennial. Wild. Seed.

PI 553873 to 553877-continued

PI 553877 **origin:** Pakistan. **pedigree:** Collected from the wild in Pakistan. **collected:** June 21, 1988. **locality:** 7km NE of Mingora, hanging over roadcut in full sun. **latitude:** 34 deg. 49 min. N. **longitude:** 72 deg. 24 min. E. **elevation:** 1065m. **remarks:** received as *R. fruticosus*, *R. anatolicus*. Perennial. Wild. Seed.

PI 553878. *Rubus sanctus* Schreber ROSACEAE

Donated by: Hortus Botanicus Acad. Sci., Taschkent, Uzbek SSR, USSR. Received April 24, 1990.

origin: USSR. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 553879. *Rubus sanctus* Schreber ROSACEAE Blackberry

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United States. Received May 08, 1990.

origin: Pakistan. **historical origin:** United States. **origin institute:** USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon 97333. **pedigree:** Seedling selection from seedlot collected wild in Pakistan. **remarks:** These seedlings vary from others from the same lot by having green new foliage, compared to the usual bronze. Perennial. Breeding Material. Plant.

PI 553880. *Rubus saxatilis* L. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

origin: Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 13, 1985. **locality:** Young mixed forest in partial shade near Konnevesi. **latitude:** 63 deg. 00 min. N. **longitude:** 28 deg. E. **elevation:** 100m. **remarks:** Typical morphology, crumbly fruit. Perennial. Wild. Seed.

PI 553881. *Rubus saxatilis* L. ROSACEAE Raspberry

Donated by: Koropachunsky, I., Central Siberian Botanical Garden, Novosibirsk, USSR. Received January 1991.

PI 553881-continued

origin: USSR. **pedigree:** Open pollinated from botanical collection. **collected:** October 16, 1990. **remarks:** Mother plant presumably collected in Novosibirsk. Perennial. Cultivated. Seed.

PI 553882. *Rubus schmidelioides* Cunn. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received January 30, 1986.

origin: New Zealand. **pedigree:** Collected from the wild New Zealand. **local name:** Bush Lawyer. **collected:** January 20, 1986. **remarks:** Grown as a ground cover in New Zealand, may be sterile. Perennial. Wild. Plant.

PI 553883. *Rubus schmidelioides* Cunn. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received February 18, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **local name:** Bush Lawyer. **collected:** January 31, 1986. **locality:** Milford Sound, Fiordland National Park, South Island. **latitude:** 44 deg. 35 min. S. **longitude:** 167 deg. 45 min. E. **remarks:** Vigorous climbing bramble, white leaf underside, hairy stems. Perennial. Wild. Seed.

PI 553884. *Rubus senticosus* Koehler ex Weihe ROSACEAE Blackberry

Donated by: Weber, H.E., Universitat Osnabruck, Vechta, Germany. Received November 06, 1989.

origin: Germany. **pedigree:** Collected from the wild in West Germany. **collected:** 1989. **locality:** Bramsche, Lower Saxony. **latitude:** 52 deg. 25 min. N. **longitude:** 07 deg. 58 min. E. Perennial. Wild. Seed.

PI 553885 to 553887. *Rubus separinus* Genev. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received April 02, 1986.

PI 553885 to 553887-continued

PI 553885 **origin:** New Zealand. **pedigree:** Collected from the wild in New Zealand. **locality:** South Island. **latitude:** 44 deg. 30 min. S. **longitude:** 170 deg. E. **remarks:** An introduced apomictic species common on the South Island. Perennial. Wild. Seed.

PI 553886 **origin:** New Zealand. **pedigree:** Collected from the wild in New Zealand. **locality:** South Island. **latitude:** 39 deg. S. **longitude:** 176 deg. E. **remarks:** A thorny apomict introduced to New Zealand. Perennial. Wild. Seed.

PI 553887 **origin:** New Zealand. **pedigree:** Collected from the wild in New Zealand. **locality:** South Island. **latitude:** 39 deg. S. **longitude:** 176 deg. E. **remarks:** An introduced thorny apomict. Perennial. Wild. Seed.

PI 553888. *Rubus shankii* Standley & L. O. Williams ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

* *Rubus* sp. ROSACEAE Raspberry
origin: Honduras. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Seedling selection from seed collected wild in Honduras. Perennial. Breeding Material. Plant.

PI 553889. *Rubus shankii* Standley & L. O. Williams ROSACEAE Raspberry

Donated by: Robbins, J., Washington State University, Western Washington Exp. Sta., Puyallup, Washington, United States. Received January 17, 1989.

origin: Honduras. **historical origin:** United States.
origin institute: Southern Illinois University, Carbondale, Illinois. **cultivar:** Honduras No.1.
pedigree: Probably a seedling selection from seedlot from Honduras. Perennial. Breeding Material. Cutting.

PI 553890. *Rubus simplex* Focke ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received November 16, 1983.

PI 553890-continued

origin: China. **pedigree:** Seedling selection from seedlot collected wild in China. **collected:** September 07, 1980. **locality:** Between the Yangtse & Han Rivers. **latitude:** 31 deg. 30 min. N. **longitude:** 110 deg. E. Perennial. Cultivated. Plant.

PI 553891 to 553892. *Rubus slesvicensis* Lange ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

* PI 553891 *Rubus axillaris* Lej. ROSACEAE Blackberry
origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **pedigree:** Uncertain. Perennial. Breeding Material. Plant.

PI 553892 **origin:** UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington. Perennial. Breeding Material. Plant.

PI 553893 to 553894. *Rubus* sp. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553893 **origin:** UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Station, Wenatchee, Washington. Perennial. Breeding Material. Plant.

PI 553894 **origin:** UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington 98801. Perennial. Breeding Material. Plant.

PI 553895. *Rubus* sp. ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received March 23, 1981.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Oregon State University, Dept. of Horticulture, Corvallis, Oregon. Perennial. Breeding Material. Plant.

PI 553896. *Rubus* sp. ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received April 23, 1983.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** Jenner. **pedigree:** Selection from the wild. Perennial. Cultivar. Plant.

PI 553897. *Rubus* sp. ROSACEAE Blackberry

Donated by: Martsching, J., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received November 18, 1981.

origin: United States. **pedigree:** Collected from the wild in Iowa. **locality:** State Recreation Area, Beacon. **latitude:** 41 deg. 18 min. N. **longitude:** 92 deg. 40 min. W. **elevation:** 200m. Perennial. Wild. Plant.

PI 553898 to 553900. *Rubus* sp. ROSACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 30, 1982.

PI 553898 **origin:** Taiwan. **pedigree:** Collected from the wild in Taiwan. **collected:** August 26, 1981. **locality:** At Chung Hsing farm. **latitude:** 24 deg. N. **longitude:** 121 deg. E. **elevation:** 1630m. Perennial. Wild. Seed.

* PI 553899 *Rubus rolfei* S. Vidal ROSACEAE Raspberry
origin: Taiwan. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Taiwanese seedlot CRUB 1501. Perennial. Breeding Material. Plant.

PI 553900 **origin:** Taiwan. **pedigree:** Collected from the wild in Taiwan. **collected:** August 29, 1981. **locality:** Lisha Village, Wu King Farm. **latitude:** 24 deg. N. **longitude:** 121 deg. E. **elevation:** 1700m. Perennial. Wild. Seed.

PI 553901. *Rubus* sp. ROSACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 01, 1982.

PI 553901-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** June 01, 1982. **locality:** Near Breitenbush Lake at Detroit, OR. **latitude:** 44 deg. 45 min. N. **longitude:** 122 deg. 28 min. W. **elevation:** 650m. Perennial. Wild. Seed.

PI 553902. Rubus sp. ROSACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 09, 1982.

* Rubus strigosus Michaux ROSACEAE
origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** American Red Raspberry. **locality:** Cascadia, Oregon. **latitude:** 44 deg. 25 min. N. **longitude:** 122 deg. 30 min. W. Perennial. Wild. Plant.

PI 553903. Rubus sp. ROSACEAE

Donated by: Jennings, D.L., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received November 01, 1982.

origin: United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Scottish seedlot CRUB 1507. Perennial. Breeding Material. Plant.

PI 553904 to 553908. Rubus sp. ROSACEAE

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received October 11, 1982.

PI 553904 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** 3654/39. **pedigree:** Open pollinated seedling selection. Perennial. Breeding Material. Seed.

PI 553905 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** 3650/6. **pedigree:** Open pollinated seedling selection. Perennial. Breeding Material. Seed.

PI 553906 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** 3909/1. **pedigree:** Open pollinated seedling selection. Perennial. Breeding Material. Seed.

PI 553904 to 553908-continued

PI 553907 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** 5005/54. **pedigree:** Open pollinated seedling selection. Perennial. Breeding Material. Seed.

PI 553908 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** 4997/55. **pedigree:** Open pollinated seedling selection. Perennial. Breeding Material. Seed.

PI 553909. Rubus sp. ROSACEAE

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received October 11, 1910.

origin: United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England. **cultivar:** 4997/17. **pedigree:** Open pollinated seedling selection. Perennial. Breeding Material. Seed.

PI 553910 to 553911. Rubus sp. ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1982.

PI 553910 **origin:** United Kingdom. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild English seedlot CRUB 1515. **restricted:** WEED. Perennial. Breeding Material. Plant.

PI 553911 **origin:** United Kingdom. **pedigree:** Collected from the wild in England. **locality:** West Malling. **latitude:** 51 deg. 16 min. N. **longitude:** 31 deg. E. **restricted:** WEED. Perennial. Wild. Seed.

PI 553912. Rubus sp. ROSACEAE Raspberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received February 02, 1983.

origin: United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon 97331. **cultivar:** ORUS 1387. **pedigree:** Exploit x 954. Perennial. Breeding Material. Plant.

PI 553913 to 553920. Rubus sp. ROSACEAE Blackberry

Donated by: Denison, E.L., Iowa State University, Dept. Horticulture, Ames, Iowa, United States. Received February 28, 1983.

- PI 553913 **origin:** Ireland. **pedigree:** Collected from the wild in Ireland. **collected:** September 13, 1982. **locality:** Found growing on a farm in central Ireland. **latitude:** 53 deg. 5 min. N. **longitude:** 07 deg. W. **elevation:** 100m. **remarks:** Vigorous. Perennial. Wild. Seed.
- PI 553914 **origin:** Ireland. **pedigree:** Collected from the wild in Ireland. **collected:** September 22, 1982. **locality:** Found in an orchard in central Ireland. **latitude:** 53 deg. 5 min. N. **longitude:** 07 deg. W. **elevation:** 100m. Perennial. Wild. Seed.
- PI 553915 **origin:** Ireland. **pedigree:** Collected from the wild in Ireland. **collected:** September 23, 1982. **locality:** Found growing in peatland in Meath County at Trim. **latitude:** 53 deg. 5 min. N. **longitude:** 06 deg. 07 min. W. **elevation:** 100m. Perennial. Wild. Seed.
- PI 553916 **origin:** Ireland. **pedigree:** Open pollinated Cambridge Vigour seed. **collected:** September 13, 1982. Perennial. Breeding Material. Seed.
- PI 553917 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6BJ. **pedigree:** Open pollinated Cambridge Favourite seed. **collected:** September 21, 1982. Perennial. Breeding Material. Seed.
- PI 553918 **origin:** United Kingdom. **pedigree:** Open-pollinated. **collected:** September 13, 1982. **locality:** Maidstone, Kent, UK. **remarks:** Native blackberry, very vigorous and productive. Perennial. Cultivated. Seed.
- PI 553919 **origin:** Ireland. **pedigree:** Collected from the wild in Ireland. **collected:** September 13, 1982. **locality:** Collected at the foot of Crog Patrick, Abbey. **latitude:** 53 deg. N. **longitude:** 08 deg. W. **elevation:** 100m. **remarks:** Vigorous, clean foliage, attractive fruit. Perennial. Wild. Seed.
- PI 553920 **origin:** Ireland. **origin institute:** Clon Roche Experiment Station, Clon Roche. **pedigree:** Uncertain, probably a selection from the wild. Perennial. Breeding Material. Seed.

PI 553921 to 553924. Rubus sp. ROSACEAE

Donated by: McLachlan, Dr., Clon Roche Experiment Station, Wexford, Ireland. Received February 28, 1983.

PI 553921 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6 BJ. **cultivar:** 5003/83. **collected:** September 1982. Perennial. Breeding Material. Seed.

PI 553922 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6 BJ. **cultivar:** 5003/88. **collected:** September 1982. Perennial. Breeding Material. Seed.

PI 553923 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6 BJ. **cultivar:** 3436/1. **collected:** September 01, 1982. Perennial. Breeding Material. Seed.

PI 553924 **origin:** United Kingdom. **origin institute:** East Malling Research Station, Maidstone, Kent, England ME19 6BJ. **cultivar:** 3644/36. **collected:** September 1982. Perennial. Breeding Material. Seed.

PI 553925 to 553926. Rubus sp. ROSACEAE Blackberry

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 14, 1983.

PI 553925 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Lacy leaf. **collected:** September 05, 1983. **locality:** Along Fern Ridge Road near Sweet Home, OR. **latitude:** 44 deg. 04 min. N. **longitude:** 122 deg. 20 min. W. **elevation:** 50m. Perennial. Wild. Seed.

PI 553926 **origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oregon seedlot CRUB 1521. Perennial. Breeding Material. Plant.

PI 553927. Rubus sp. ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received December 06, 1983.

PI 553927-continued

origin: United States. **pedigree:** Collected from the wild in Texas. **collected:** October 14, 1983. **locality:** Along old roadbed at Goff Bayou, Port Lavaca-Tivoli. **latitude:** 28 deg. 38 min. N. **longitude:** 96 deg. 38 min. W. **elevation:** 152m. **remarks:** Low growing vine about 1 ft, leaflet 5 lobed palmate. Perennial. Wild. Plant.

PI 553928. Rubus sp. ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received November 1983.

origin: United States. **pedigree:** Collected from the wild in Texas. **local name:** Southern Dewberry. **collected:** October 14, 1983. **locality:** Caney Creek Bridge, Willis. **latitude:** 95 deg. N. **longitude:** 30 deg. 30 min. W. **elevation:** 80m. **remarks:** Small, low growing bramble, plants forming a mat. Perennial. Wild. Plant.

PI 553929 to 553931. Rubus sp. ROSACEAE Blackberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received January 16, 1984.

PI 553929 **origin:** Syria. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Syrian seedlot CRUB 1523. Perennial. Breeding Material. Plant.

PI 553930 **origin:** Syria. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Syrian seedlot CRUB 1524. Perennial. Breeding Material. Plant.

PI 553931 **origin:** Syria. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Syrian seedlot CRUB 1525. Perennial. Breeding Material. Plant.

PI 553932 to 553944. Rubus sp. ROSACEAE

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received March 26, 1984.

- PI 553932 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** May 31, 1960. **locality:** Norwood, Missouri. **latitude:** 37 deg. 05 min. N. **longitude:** 92 deg. 30 min. W. Perennial. Wild. Seed.
- PI 553933 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** May 31, 1960. **locality:** Mt. Grove, Missouri. **latitude:** 37 deg. 00 min. N. **longitude:** 91 deg. 45 min. W. Perennial. Wild. Seed.
- PI 553934 **origin:** United States. **pedigree:** Collected from the wild in Arkansas. **collected:** May 31, 1960. **locality:** Black Rock, Ark. **latitude:** 36 deg. 05 min. N. **longitude:** 91 deg. 05 min. W. Perennial. Wild. Seed.
- PI 553935 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** May 31, 1960. **locality:** Chadwick, Missouri. **latitude:** 36 deg. 55 min. N. **longitude:** 93 deg. 05 min. W. Perennial. Wild. Seed.
- PI 553936 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** May 31, 1960. **locality:** Bradyville, Missouri. **latitude:** 38 deg. 30 min. N. **longitude:** 92 deg. 30 min. W. Perennial. Wild. Seed.
- PI 553937 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** June 19, 1959. **locality:** Joplin, Missouri. **latitude:** 37 deg. 00 min. N. **longitude:** 94 deg. 31 min. W. Perennial. Wild. Seed.
- PI 553938 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** July 07, 1959. **locality:** Ava, Missouri. **latitude:** 37 deg. 53 min. N. **longitude:** 89 deg. 30 min. W. Perennial. Wild. Seed.
- PI 553939 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** July 11, 1954. **locality:** Mt. Grove, Missouri. **latitude:** 37 deg. 00 min. N. **longitude:** 91 deg. 45 min. W. Perennial. Wild. Seed.
- PI 553940 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** July 15, 1959. **locality:** Mt. Grove, Missouri. **latitude:** 37 deg. 00 min. N. **longitude:** 91 deg. 45 min. W. Perennial. Wild. Seed.
- PI 553941 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** July 28, 1959. **locality:** Sparta, Missouri. **latitude:** 36 deg. 50 min. N. **longitude:** 93 deg. 05 min. W. Perennial. Wild. Seed.

PI 553932 to 553944-continued

PI 553942 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** July 28, 1959. **locality:** Buckner, Missouri. **latitude:** 39 deg. 10 min. N. **longitude:** 94 deg. 15 min. W. Perennial. Wild. Seed.

PI 553943 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** July 28, 1959. **locality:** Norwood, Missouri. **latitude:** 37 deg. 05 min. N. **longitude:** 92 deg. 30 min. W. Perennial. Wild. Seed.

PI 553944 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **collected:** July 15, 1959. **locality:** Mt. Grove, Missouri. **latitude:** 37 deg. 00 min. N. **longitude:** 91 deg. 45 min. W. Perennial. Wild. Seed.

PI 553945. *Rubus* sp. ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 07, 1984.

origin: Canada. **pedigree:** Collected from the wild in Alberta. **collected:** July 01, 1984. **locality:** Crowsnest Pass near Island Creek Campground. **latitude:** 10 deg. 49 min. N. **longitude:** 114 deg. 40 min. W. **elevation:** 1318m. **remarks:** Plants up to 1 M tall. Perennial. Wild. Plant.

PI 553946 to 553947. *Rubus* sp. ROSACEAE Blackberry

Donated by: Weiser, C.J., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received March 15, 1985.

PI 553946 **origin:** United States. **pedigree:** Collected from the wild in Kauai. **collected:** February 22, 1985. **locality:** Wailua, Island of Kauai. Sandy-volcanic soil. **latitude:** 22 deg. N. **longitude:** 159 deg. 30 min. W. **elevation:** 1100m. **remarks:** Fruit fully ripe 2-22-85, many fruit deformed shape. Perennial. Wild. Seed.

PI 553947 **origin:** United States. **pedigree:** Collected from the wild in Kauai. **collected:** February 22, 1985. **locality:** Wailua, Island of Kauai. Sandy-volcanic soil. **latitude:** 22 deg. N. **longitude:** 122 deg. 30 min. W. **elevation:** 850m. **remarks:** Very seedy, fruit 1 cm, very little pulp, upright habit. Perennial. Wild. Seed.

PI 553948. Rubus sp. ROSACEAE Blackberry

Donated by: Strong, D.W., Mansfield, Louisiana, United States.
Received April 22, 1985.

origin: United States. **pedigree:** Collected from the wild in Louisiana. **local name:** Yellow Dewberry. **locality:** Shreveport, Louisiana. **latitude:** 32 deg. 30 min. N. **longitude:** 93 deg. 30 min. W. **remarks:** Green canes, white pubescence, pale yellow fruit. Perennial. Wild. Plant.

PI 553949. Rubus sp. ROSACEAE Raspberry

Donated by: Ress, F., Waukegan, Illinois, United States. Received June 29, 1985.

origin: United States. **pedigree:** Collected from the wild in Illinois. **collected:** July 1985. **locality:** Waukegan County Forest Preserve. **latitude:** 42 deg. 22 min. N. **longitude:** 87 deg. 54 min. W. **remarks:** Yellow fruited raspberry. Perennial. Wild. Seed.

PI 553950. Rubus sp. ROSACEAE Raspberry

Donated by: Ress, F., Waukegan, Illinois, United States. Received July 29, 1985.

origin: United States. **pedigree:** Collected from the wild in Illinois. **collected:** July 29, 1985. **locality:** Waukegan County Forest Preserve. **latitude:** 42 deg. 22 min. N. **longitude:** 87 deg. 54 min. W. **remarks:** Red fruited raspberries. Perennial. Wild. Seed.

PI 553951. Rubus sp. ROSACEAE Blackberry

Donated by: Reich, J., Cornell University, NY State Ag. Exp. Sta., Geneva, New York, United States. Received November 10, 1985.

origin: United States. **historical origin:** United States. **cultivar:** Hillquist. **pedigree:** Selection from the wild, diploid. **remarks:** Primocane fruiting, only fallbearing blackberry in Geneva, NY. Perennial. Cultivar. Plant.

PI 553952. Rubus sp. ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 17, 1986.

PI 553952-continued

origin: United States. **pedigree:** Collected from the wild in Alaska. **collected:** August 25, 1986. **locality:** Palmer, Matanuska Glacier State Recreational Area. **latitude:** 62 deg. 10 min. N. **longitude:** 147 deg. 30 min. W. **elevation:** 480m. **remarks:** Typical, primocane to 1.7m, few green fruit Ripe fruit is aromatic with an excellent flavor. Perennial. Wild. Seed.

PI 553953. *Rubus* sp. ROSACEAE

Donated by: Wood, G., Scottish Crop Research Inst., Invergowrie, Scotland, United Kingdom. Received July 31, 1987.

origin: United Kingdom. **origin institute:** Scottish Crop Research Institute, Invergowrie, Scotland. **cultivar:** 126RA8. **other id:** Q 26684. Perennial. Breeding Material. Plant.

PI 553954. *Rubus* sp. ROSACEAE Blackberry

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received August 12, 1987.

origin: Australia. **pedigree:** Collected from the wild in Tasmania. **collected:** April 01, 1986. **locality:** Cemetary Bluff, Adventure Bay, S. Bruny Island. **latitude:** 43 deg. 20 min. S. **longitude:** 147 deg. 19 min. E. **restricted:** WEED. **remarks:** Received as *R. fruticosus*. Perennial. Wild. Seed.

PI 553955 to 553958. *Rubus* sp. ROSACEAE

Donated by: Sjulín, T., Driscoll Strawberry Assoc., Research Division, Watsonville, California, United States. Received December 10, 1986.

PI 553955 **origin:** Peru. **pedigree:** Collected from the wild in Peru. **locality:** Andes. **latitude:** 12 deg. 05 min. S. **longitude:** 75 deg. 12 min. W. **elevation:** 3400m. Perennial. Wild. Seed.

PI 553956 **origin:** New Caledonia. **pedigree:** Collected from the wild in New Caledonia. **collected:** 1970. **locality:** Kourmae. **latitude:** 21 deg. 00 min. S. **longitude:** 165 deg. 00 min. E. **elevation:** 300m. Perennial. Wild. Seed.

PI 553955 to 553958-continued

PI 553957 **origin:** UNCERTAIN. **historical origin:** United States.
origin institute: Southern Illinois University,
Carbondale, Illinois. Perennial. Breeding Material.
Seed.

PI 553958 **origin:** UNCERTAIN. **pedigree:** Collected from the wild.
collected: 1959. **remarks:** This accession is either *R.*
occidentalis or *R. leucodermis*. Perennial. Wild. Seed.

PI 553959. *Rubus* sp. ROSACEAE

Donated by: Ballington, J.R., North Carolina State Univ., Dept.
Horticulture, Raleigh, North Carolina, United States. Received
December 17, 1987.

origin: United States. **origin institute:** North Carolina
State University, Raleigh, North Carolina. **cultivar:** NC
87-4-1. **pedigree:** Selection from the wild. Perennial.
Breeding Material. Plant.

PI 553960 to 553961. *Rubus* sp. ROSACEAE

Donated by: Crawford, C.E., Lacey Springs, Alabama, United States.
Received November 28, 1988.

PI 553960 **origin:** Colombia. **pedigree:** Collected from the wild in
Columbia. **locality:** El Pinyon. **latitude:** 03 deg. 45
min. N. **longitude:** 70 deg. W. **remarks:** Found growing
near *R. macrocarpus*. Perennial. Wild. Seed.

PI 553961 **origin:** Colombia. **pedigree:** Collected from the wild in
Columbia. **locality:** El Pinyon. **latitude:** 03 deg. 45
min. N. **longitude:** 70 deg. 0 min. W. **remarks:** Found
growing near *R. macrocarpus*. Perennial. Wild. Seed.

PI 553962. *Rubus* sp. ROSACEAE

Donated by: Robbins, J., Washington State University, Western
Washington Exp. Sta., Puyallup, Washington, United States. Received
January 17, 1989.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: NPI Biotech Labs, Utah. **pedigree:**
Possibly a seedling selection. Perennial. Breeding
Material. Cutting.

PI 553963 to 553964. *Rubus* sp. ROSACEAE Blackberry

Donated by: Luteyn, J., New York Botanical Garden, New York, New York, United States. Received August 16, 1989.

PI 553963 **origin:** Colombia. **pedigree:** Collected from the wild in Colombia. **locality:** Vereda Ventanas, Antioquia, disturbed forest. **latitude:** 05 deg. 40 min. N. **longitude:** 75 deg. 47 min. W. **elevation:** 2320m. **remarks:** Pendent, suffrutescent herb, canes to 1.5m long. Fruit blk. Perennial. Wild. Seed.

PI 553964 **origin:** Colombia. **pedigree:** Collected from the wild in Colombia. **locality:** Vereda Ventanas, Antioquia, disturbed montane forest. **latitude:** 05 deg. 40 min. N. **longitude:** 75 deg. 47 min. W. **elevation:** 2320m. **remarks:** Scandent herb. Petals magenta. Fruit dark red, very tasty. Perennial. Wild. Seed.

PI 553965. *Rubus* sp. ROSACEAE Blackberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 24, 1989.

origin: United States. **pedigree:** Collected from the wild in Oklahoma. **local name:** Iowa Blackberry. **collected:** July 31, 1989. **locality:** Mohawk Park, Tulsa. **latitude:** 36 deg. 10 min. N. **longitude:** 96 deg. 00 min. W. **elevation:** 180m. **remarks:** Primocanes erect to arching, 2m, floricanes arching, 2.5 m. Perennial. Wild. Seed.

PI 553966 to 553967. *Rubus* sp. ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received August 24, 1989.

PI 553966 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** August 1989. **locality:** Tuchuck Campground, Flathead Nat'l Forest. **latitude:** 48 deg. 30 min. N. **longitude:** 114 deg. 00 min. W. **elevation:** 1440m. Perennial. Wild. Seed.

* PI 553967 *Rubus idaeus* L. ROSACEAE Raspberry
origin: United States. **pedigree:** Collected from the wild in Montana. **collected:** August 1989. **locality:** Half Moon Campground in the Crazy Mountains, Gallatin N.F. **latitude:** 45 deg. 30 min. N. **longitude:** 110 deg. 00 min. W. **elevation:** 1965m. Perennial. Wild. Seed.

PI 553968 to 553970. Rubus sp. ROSACEAE Blackberry

Donated by: Merkel, T., Leighton, Pennsylvania, United States.
Received May 14, 1989.

PI 553968 **origin:** United States. **pedigree:** Collected from the wild in Pennsylvania. **local name:** Blackberry. **collected:** May 1989. **locality:** Leighton, Penn. **latitude:** 40 deg. 50 min. N. **longitude:** 75 deg. 44 min. W. **remarks:** Uncommon type, no additional information provided on receipt. Perennial. Wild. Plant.

PI 553969 **origin:** United States. **pedigree:** Collected from the wild in Pennsylvania. **local name:** Blackberry. **collected:** May 1989. **locality:** Leighton, Penn. **latitude:** 40 deg. 50 min. N. **longitude:** 75 deg. 44 min. W. **remarks:** Common type, no additional information provided on receipt. Perennial. Wild. Plant.

PI 553970 **origin:** United States. **pedigree:** Collected from the wild in Pennsylvania. **local name:** Dewberry. **collected:** May 1989. **locality:** Leighton, Penn. **latitude:** 40 deg. 50 min. N. **longitude:** 75 deg. 44 min. W. **remarks:** Common type, no additional information provided on receipt. Perennial. Wild. Plant.

PI 553971. Rubus sp. ROSACEAE

Donated by: Luteyn, J., New York Botanical Garden, New York, New York, United States. Received January 16, 1990.

origin: Ecuador. **pedigree:** Collected from the wild in Ecuador. **collected:** December 02, 1989. **locality:** Gualaceo, Paramo at summit of Gualaceo-Limon road. **latitude:** 03 deg. 02 min. S. **longitude:** 78 deg. 40 min. W. **elevation:** 3600m. **remarks:** This might be R. macrocarpus, seed 6-7mm long. Perennial. Wild. Seed.

PI 553972 to 553974. Rubus sp. ROSACEAE Blackberry

Donated by: Sjostedt, Bo, Swedish University of Agric. Sci., Kristianstad, Sweden. Received April 09, 1990.

PI 553972 **origin:** Sweden. **origin institute:** Swedish University of Agricultural Sci., Dept. Hort. Plant Breeding, Fjlskestadsv 123-1, Kristianstad S 291 94. **cultivar:** Br 82/1603-4. **restricted:** WEED. Perennial. Breeding Material. Cutting.

PI 553972 to 553974-continued

PI 553973 **origin:** Sweden. **origin institute:** Swedish University of Agricultural Sci., Dept. Hort. Plant Breeding, Fjlskestadsv 123-1, Kristianstad S 291 94. **cultivar:** Br 86/1601-1. **restricted:** WEED. Perennial. Breeding Material. Cutting.

PI 553974 **origin:** Sweden. **origin institute:** Swedish University of Agricultural Sci., Dept. Hort. Plant Breeding, Fjlskestadsv 123-1, Kristianstad S 291 94. **cultivar:** Br 86/1609-1. **restricted:** WEED. Perennial. Breeding Material. Cutting.

PI 553975. *Rubus* sp. ROSACEAE Raspberry

Donated by: Veauvy, J.M., Artur Nogueira, Brazil. Received April 05, 1990.

origin: Brazil. **pedigree:** Collected from the wild in Brazil. **locality:** Near Sao Paulo City, in Sao Roque. **latitude:** 23 deg. 32 min. S. **longitude:** 46 deg. 37 min. W. **elevation:** 1100m. **remarks:** Common in Sao Paulo State at about 1000m, fruit resembles a raspberry. Perennial. Wild. Cutting.

PI 553976 to 553977. *Rubus* sp. ROSACEAE Blackberry

Donated by: Luteyn, J., New York Botanical Garden, New York, New York, United States. Received July 16, 1990.

PI 553976 **origin:** Bolivia. **pedigree:** Collected from the wild in Bolivia. **collected:** May 09, 1990. **locality:** La Paz: Murillo, Valle de Zongo, 21-23km N. of La Cumbre. **latitude:** 16 deg. 10 min. S. **longitude:** 68 deg. 10 min. W. **elevation:** 3100m. **remarks:** Canes arching, reddish-green, petals rose-pink. Fruit black. Perennial. Wild. Seed.

PI 553977 **origin:** Bolivia. **pedigree:** Collected from the wild in Bolivia. **collected:** May 09, 1990. **locality:** La Paz: Murillo, Valle de Zongo, 21-23km N. of La Cumbre. **latitude:** 16 deg. 10 min. S. **longitude:** 68 deg. 10 min. W. **elevation:** 3100m. **remarks:** Scandent herb, stems dark blackish-green. Fruit black. Perennial. Wild. Seed.

PI 553978. *Rubus* sp. ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received September 28, 1990.

origin: Costa Rica. **pedigree:** Collected from the wild in Costa Rica. **collected:** February 16, 1990. **locality:** Mt. Poas. **latitude:** 10 deg. N. **longitude:** 84 deg. W. **elevation:** 1500m. **remarks:** Seedlot possibly combined with some additional purchased from a street vendor. Perennial. Wild. Seed.

PI 553979. *Rubus* sp. ROSACEAE

Donated by: Moore, R.M., Loja, Ecuador. Received January 1991.

origin: Ecuador. **pedigree:** Open pollinated from cultivated plants. **remarks:** OP seed collected from native plants in the village of Tumianuma. Perennial. Cultivated. Seed.

PI 553980 to 553981. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 553980 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Salmonberry. **locality:** Bodega Bay, Coleman Canyon road. **latitude:** 38 deg. 20 min. N. **longitude:** 123 deg. 03 min. W. Perennial. Wild. Plant.

PI 553981 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Extension Station, Puyallup, Washington. **local name:** Salmonberry. Perennial. Breeding Material. Plant.

PI 553982. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Chandler, J., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 30, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 04, 1982. **locality:** Along the Big Elk River near Harlen. Perennial. Wild. Seed.

PI 553983 to 553984. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Gunning, J., Salem, Oregon, United States. Received July 23, 1982.

PI 553983 to 553984-continued

PI 553983 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** July 23, 1982. **locality:** Quinault Lake, Olympic National Forest, Fall Creek Campgr. **latitude:** 47 deg. 30 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 61m. **remarks:** Red-fruited. Perennial. Wild. Seed.

PI 553984 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** July 23, 1982. **locality:** Quinault Lake, Olympic National Forest, Fall Creek Campgr. **latitude:** 47 deg. 30 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 61m. **remarks:** Orange-fruited. Perennial. Wild. Seed.

PI 553985. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 01, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** September 19, 1981. **locality:** Florence, Oregon. **latitude:** 43 deg. 55 min. N. **longitude:** 124 deg. 10 min. W. **elevation:** 91m. Perennial. Wild. Plant.

PI 553986 to 553987. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received January 01, 1981.

PI 553986 **origin:** United States. **historical origin:** UNCERTAIN. **pedigree:** Uncertain. **local name:** Salmonberry. Perennial. Uncertain. Plant.

PI 553987 **origin:** United States. **historical origin:** UNCERTAIN. **pedigree:** Uncertain. **local name:** Salmonberry. Perennial. Uncertain. Plant.

PI 553988. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received December 09, 1983.

origin: United States. **historical origin:** United States.
cultivar: Olympic salmonberry selection. **pedigree:**
Selection from the wild. **local name:** Salmonberry.
remarks: Larger, darker, sweeter but similar to
Young, more productive This cv is NOT the 1930 release
Young x Plum Farmer. Perennial. Cultivar. Plant.

PI 553989. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Westigard, P.H., Oregon State University, Southern
Oregon Experiment Station, Medford, Oregon, United States. Received
July 10, 1985.

origin: United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Salmonberry. **collected:** July 07,
1985. **locality:** McDowell Creek Park, under trees,
partial shade. **latitude:** 44 deg. 40 min. N. **longitude:**
123 deg. 20 min. W. **remarks:** Fruit pure yellow, no red
or blue, 1-2 cm diameter. Perennial. Wild. Seed.

PI 553990 to 553996. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept.
Horticulture, Raleigh, North Carolina, United States. Received
August 10, 1985.

PI 553990 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Salmonberry. **collected:** July 31,
1985. **locality:** 45 degree slope in old clearcut,
Willamette Nat'l Forest. **latitude:** 44 deg. 30 min. N.
longitude: 122 deg. W. **elevation:** 1200m. **remarks:**
Typical plant and fruit morphology. Perennial. Wild.
Seed.

PI 553991 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Salmonberry. **collected:** July 31,
1985. **locality:** Roadsides near Detroit, OR. **latitude:**
45 deg. 40 min. N. **longitude:** 122 deg. 05 min. W.
elevation: 1100m. **remarks:** Fruit population collection.
Perennial. Wild. Seed.

PI 553992 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Salmonberry. **collected:** August
03, 1985. **locality:** Cascade Head Resort Area near
Lincoln City, OR. **latitude:** 45 deg. N. **longitude:** 124
deg. W. **elevation:** 530m. **remarks:** Red and yellow fruit
population collected. Perennial. Wild. Seed.

PI 553990 to 553996-continued

PI 553993 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** August 03, 1985. **locality:** Cascade Head Resort Area in dense to moderate shade. **latitude:** 45 deg. N. **longitude:** 124 deg. W. **elevation:** 330m. **remarks:** Red fruited clones make up less than 50% of the population. Perennial. Wild. Seed.

PI 553994 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** August 03, 1985. **locality:** Mt Hebo Rd, Siuslaw National Forest. **latitude:** 45 deg. 13 min. N. **longitude:** 123 deg. 90 min. W. **elevation:** 600m. **remarks:** Fruit ripened before 8/3/85. Perennial. Wild. Seed.

PI 553995 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** August 03, 1985. **locality:** Mt. Hebo Road, Siuslaw National Forest. **latitude:** 45 deg. 13 min. N. **longitude:** 123 deg. 90 min. W. **elevation:** 1000m. **remarks:** Amber fruit population sample. Perennial. Wild. Seed.

PI 553996 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** August 03, 1985. **locality:** Summit of Mt. Hebo, Siuslaw National Forest. **latitude:** 45 deg. 10 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1000m. **remarks:** Red-fruited population sample. Perennial. Wild. Seed.

PI 553997. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received July 22, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 22, 1985. **locality:** Siuslaw National Forest. **latitude:** 44 deg. N. **longitude:** 124 deg. W. **elevation:** 10m. **remarks:** Fruit red and orange color, population sample. Perennial. Wild. Seed.

PI 553998 to 554007. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

- PI 553998 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 05, 1985. **locality:** Gifford-Pinchot Nat'l Forest, near Wind River Forest Nursery. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1230m. **remarks:** Red and yellow fruit, population sample. Perennial. Wild. Seed.
- PI 553999 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 05, 1985. **locality:** Gifford Pinchot National Forest, along roadside in shade. **latitude:** 47 deg. N. **longitude:** 122 deg. W. **elevation:** 1300m. **remarks:** Yellow to orange fruit population collected. Perennial. Wild. Seed.
- PI 554000 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 05, 1985. **locality:** Gifford-Pinchot Nat'l Forest, along roadside in shade. **latitude:** 47 deg. N. **longitude:** 122 deg. W. **elevation:** 1300m. **remarks:** Red fruited clone sampled. Perennial. Wild. Seed.
- PI 554001 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 07, 1985. **locality:** Gifford-Pinchot Nat'l Forest, in open meadow. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1300m. **remarks:** Red and yellow fruit sample. Perennial. Wild. Seed.
- PI 554002 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 08, 1985. **locality:** Olympic Nat'l Forest near Wynoochee River bridge, FS 2312. **latitude:** 47 deg. 10 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1430m. **remarks:** 50% red to yellow fruit population collected. Perennial. Wild. Seed.
- PI 554003 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 08, 1985. **locality:** Along roadside near Quinault, WA. **latitude:** 47 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 600m. **remarks:** Fruit mostly gone, good mix of red and yellow. Perennial. Wild. Seed.
- PI 554004 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 09, 1985. **locality:** Olympic National Forest at wood's edge. **latitude:** 47 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 1066m. **remarks:** Red and yellow fruit population sample. Perennial. Wild. Seed.

PI 553998 to 554007-continued

PI 554005 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 10, 1985. **locality:** Olympic Nat'l forest in clearcut along a ridgetop. **latitude:** 47 deg. 30 min. N. **longitude:** 124 deg. W. **elevation:** 1200m. **remarks:** High % of red fruited clones, largest fruit found was 1x1/2inch. Perennial. Wild. Seed.

PI 554006 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 12, 1985. **locality:** Olympic Nat'l Forest along moist, wooded slope. **latitude:** 48 deg. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1300m. **remarks:** Excellent fruit size 85% yellow fruit. Perennial. Wild. Seed.

PI 554007 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Salmonberry. **collected:** August 14, 1985. **locality:** Olympic Nat'l Forest, moist cove. **latitude:** 48 deg. N. **longitude:** 123 deg. 30 min. W. **elevation:** 900m. **remarks:** Red and yellow fruit population sample collected. Perennial. Wild. Seed.

PI 554008. *Rubus spectabilis* Pursh ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 02, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Salmonberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest in mature old-growth forest. **latitude:** 44 deg. 10 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 60m. **remarks:** Most fruit gone by 7/22/85. Perennial. Wild. Seed.

PI 554009. *Rubus squarrosus* Fritsch ROSACEAE

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received February 10, 1986.

origin: New Zealand. **pedigree:** Probably collected from the wild in New Zealand. **local name:** Leafless Bush Lawyer. **collected:** January 25, 1986. **remarks:** Vigorous climber, with few leaflets, many prickles, cane 30-40'. Perennial. Cultivated. Plant.

PI 554010 to 554012. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 554010 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **local name:** American Red Raspberry. Perennial. Breeding Material. Plant.

PI 554011 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **local name:** American Red Raspberry. Perennial. Breeding Material. Plant.

PI 554012 **origin:** UNCERTAIN. **historical origin:** United States. **origin institute:** Washington State University, Tree Fruit Research Center, Wenatchee, Washington. **local name:** American Red Raspberry. Perennial. Breeding Material. Plant.

PI 554013 to 554014. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Moore, J.N., University of Arkansas, Fayetteville, Arkansas, United States. Received May 26, 1982.

PI 554013 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** American Red Raspberry. **latitude:** 36 deg. N. **longitude:** 94 deg. 05 min. W. **elevation:** 400m. Perennial. Wild. Plant.

PI 554014 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** American Red Raspberry. **latitude:** 36 deg. N. **longitude:** 94 deg. 05 min. W. **elevation:** 400m. Perennial. Wild. Plant.

PI 554015. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept. Botany & Plant Pathology, Corvallis, Oregon, United States. Received March 23, 1981.

origin: United States. **historical origin:** United States. **origin institute:** USDA-ARS, Agricultural Research Station, Cheyenne, Wyoming. **cultivar:** Trailblazer. **pedigree:** Augustred x Cheyenne 63-16. **local name:** American Red Raspberry. **other id:** USDA 69-14. **remarks:** Fall cropper, very cold hardy. Perennial. Cultivar. Plant.

PI 554016. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Chandler, J., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 31, 1981.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** American Red Raspberry.
collected: August 26, 1981. **locality:** South Fork of the Jarbinger River along the ID/NV border. **latitude:** 42 deg. N. **longitude:** 116 deg. 45 min. W. Perennial. Wild. Plant.

PI 554017. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Callan, N., Western Agric. Res. Center, 531 NE Quast Lane, Corvallis, Montana, United States. Received August 09, 1982.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** American Red Raspberry.
collected: August 1982. **locality:** Near Big Hole National Battle Field, ID/MT border. **latitude:** 45 deg. 37 min. N. **longitude:** 113 deg. 27 min. W. **elevation:** 200m. Perennial. Wild. Plant.

PI 554018 to 554019. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received March 26, 1984.

PI 554018 **origin:** United States. **pedigree:** Collected from the wild in Missouri. **local name:** American Red Raspberry.
collected: June 16, 1959. **locality:** Willow Springs, Missouri. **latitude:** 37 deg. N. **longitude:** 92 deg. W. Perennial. Wild. Seed.

PI 554019 **origin:** United States. **pedigree:** Collected from the wild in Minnesota. **local name:** American Red Raspberry.
locality: Minneapolis. **latitude:** 44 deg. 58 min. N. **longitude:** 93 deg. 20 min. W. Perennial. Wild. Seed.

PI 554020. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 07, 1984.

PI 554020-continued

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** American Red Raspberry. **collected:** July 01, 1984. **locality:** Near Moyie river, Copeland. **latitude:** 49 deg. N. **longitude:** 116 deg. 30 min. W. **elevation:** 950m. **remarks:** Upright thorny plant 1.5 M tall, flowering ending 7-1-84. Perennial. Wild. Plant.

PI 554021. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 07, 1985.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** American Red Raspberry. **collected:** July 02, 1984. **locality:** Trail Creek Rd. near Naples. **latitude:** 48 deg. 30 min. N. **longitude:** 113 deg. W. **elevation:** 950m. **remarks:** Upright growth to 2 M, thorny plant, flowering 7-2-84. Perennial. Wild. Plant.

PI 554022. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received January 22, 1987.

origin: United States. **cultivar:** NC 85-8-2. **pedigree:** Selection from the wild. **local name:** American Red Raspberry. **collected:** 1985. **locality:** Waterrock Knob off the Blue Ridge Highway. **latitude:** 35 deg. 20 min. N. **longitude:** 83 deg. 20 min. W. **elevation:** 2100m. **remarks:** Canes over 6 feet tall, arching. Perennial. Breeding Material. Plant.

PI 554023 to 554026. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received September 15, 1986.

PI 554023 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **local name:** American Red Raspberry. **collected:** August 05, 1986. **locality:** Peak of Mt. Mitchell, Yancey County. **latitude:** 35 deg. 45 min. N. **longitude:** 82 deg. 15 min. W. **elevation:** 2100m. **remarks:** Variable for fruit size and degree of bloom, population samp. Perennial. Wild. Seed.

PI 554023 to 554026-continued

PI 554024 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **local name:** American Red Raspberry. **collected:** August 05, 1986. **locality:** Cranberry Ridge Overlook on the Blue Ridge Parkway. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 20 min. W. **elevation:** 1825m. **remarks:** Variable, with primary fruit approaching commercial size. Perennial. Wild. Seed.

PI 554025 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **local name:** American Red Raspberry. **collected:** August 05, 1986. **locality:** Clingman's Dome Road, Swain County. Roadsides. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 25 min. W. **elevation:** 1825m. **remarks:** Generally quite good fruit size. Perennial. Wild. Seed.

PI 554026 **origin:** United States. **pedigree:** Collected from the wild in North Carolina. **local name:** American Red Raspberry. **collected:** August 05, 1986. **locality:** Along trail to Andrew's Bald, Swain County. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 25 min. W. **elevation:** 2000m. **remarks:** Small sample. Perennial. Wild. Seed.

PI 554027. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Widrlechner, M., USDA/ARS, NC-7 Plant Intro. Station, Ames, Iowa, United States. Received July 02, 1987.

origin: United States. **pedigree:** Collected from the wild in Indiana. **local name:** American Red Raspberry. **locality:** Beverly Shores, along roadside. **latitude:** 41 deg. 47 min. N. **longitude:** 87 deg. 05 min. W. **elevation:** 183m. Perennial. Wild. Seed.

PI 554028 to 554037. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received August 26, 1987.

PI 554028 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 13, 1987. **locality:** Pitkin County, ca. 7 m from Weller Lake. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2896m. **remarks:** Plant fairly luxurious, to 75 cm tall. Perennial. Wild. Seed.

- PI 554029 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 13, 1987. **locality:** Pitkin county, upslope from Weller Lake 15 m. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2910m. **remarks:** Small fruit, collected from several adjacent plants. Perennial. Wild. Seed.
- PI 554030 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 13, 1987. **locality:** Pitkin County, about 30 m upslope of Weller Lake. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2930m. **remarks:** Good plant 45-60cm tall, many spherical, bright red fruit. Perennial. Wild. Seed.
- PI 554031 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 13, 1987. **locality:** Pitkin County, 39 m upslope of Weller Lake. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2929m. **remarks:** Very productive plant about 30cm tall. Perennial. Wild. Seed.
- PI 554032 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 13, 1987. **locality:** Pitkin county, 30m upslope of Weller Lake. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2930m. **remarks:** Healthy plants, no stress on fruiting canes, over 60cm tall. Perennial. Wild. Seed.
- PI 554033 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 13, 1987. **locality:** Pitkin County, upslope of Weller Lake. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2930m. **remarks:** Very good plant with much ripe fruit. Perennial. Wild. Seed.
- PI 554034 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 13, 1987. **locality:** Pitkin County, upslope from Weller Lake. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2930m. **remarks:** Randomly collected from plants scattered all over the slope. Perennial. Wild. Seed.

PI 554028 to 554037-continued

PI 554035 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 09, 1987. **locality:** Pitkin County, on bank of Roaring Fork River. **latitude:** 39 deg. 08 min. N. **longitude:** 106 deg. 46 min. W. **elevation:** 2530m. **remarks:** Collection from one clump 3x5m. Perennial. Wild. Seed.

PI 554036 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 12, 1987. **locality:** Pitkin County, about 1/2 mile from Conundrum Creek trailhead. **latitude:** 39 deg. 06 min. N. **longitude:** 106 deg. 52 min. W. **elevation:** 2957m. **remarks:** Shrub growing in full sun, about 1m tall. Perennial. Wild. Seed.

PI 554037 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** American Red Raspberry. **collected:** August 12, 1987. **locality:** Pitkin Co., about 1/2 mile up from Conundrum Creek trailhead. **latitude:** 39 deg. 06 min. N. **longitude:** 106 deg. 52 min. W. **elevation:** 2951m. **remarks:** Fruit with exceptionally large drupelets. Perennial. Wild. Seed.

PI 554038. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received August 10, 1989.

origin: United States. **pedigree:** Collected from the wild in Montana. **local name:** American Red Raspberry. **collected:** 1989. **locality:** Along Jack Creek in the Madison Range, Beaverhead N.F. **latitude:** 45 deg. 30 min. N. **longitude:** 111 deg. 50 min. W. **elevation:** 1675m. Perennial. Wild. Seed.

PI 554039 to 554040. *Rubus strigosus* Michaux ROSACEAE Raspberry

Donated by: Luby, J.J., University of Minnesota, Dept. Hort. Science, St. Paul, Minnesota, United States. Received March 15, 1990.

PI 554039 **origin:** United States. **pedigree:** Collected from the wild in Minnesota. **local name:** American Red Raspberry. **locality:** Paradise Bay on Lake Superior 15km NE of Grand Marais. **latitude:** 47 deg. 50 min. N. **longitude:** 90 deg. 15 min. W. Perennial. Wild. Seed.

PI 554039 to 554040-continued

PI 554040 **origin:** United States. **pedigree:** Collected from the wild in Minnesota. **local name:** American Red Raspberry. **collected:** 1989. **locality:** Chippewa Nat'l Forest, along North Country Trail. **latitude:** 46 deg. 30 min. N. **longitude:** 94 deg. 30 min. W. **remarks:** Collected in new growth of aspen (approx. 10 yrs old) in sandy, strong soil. Perennial. Wild. Seed.

PI 554041. *Rubus sumatranus* Miq. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: Japan. **origin institute:** Department of Biology, Toyama University, Gofuku, Toyama 930. Perennial. Breeding Material. Plant.

PI 554042. *Rubus takesimensis* Nakai ROSACEAE

Donated by: Lee, T.B., Kwanak Arboretum, Suweon, Korea, Republic of. Received October 30, 1982.

origin: Korea, Republic of. **pedigree:** Open pollinated from botanical collection. **collected:** 1980. **latitude:** 37 deg. 17 min. N. **longitude:** 127 deg. E. **elevation:** 450m. Perennial. Cultivated. Seed.

PI 554043. *Rubus tephrodes* Hance ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 17, 1987.

origin: China. **pedigree:** Collected from the wild in China. **local name:** Kusa-ichigo. **locality:** Hua Jin, Lushan Mountains. Perennial. Wild. Seed.

PI 554044. *Rubus tephrodes* Hance ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 29, 1988.

PI 554044-continued

origin: China. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Chinese seedlot CRUB 1547. **local name:** Kusa-ichigo. Perennial. Breeding Material. Plant.

PI 554045. *Rubus tephrodes* Hance ROSACEAE Raspberry

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United States. Received May 08, 1990.

origin: China. **historical origin:** United States. **origin institute:** USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon 97333. **pedigree:** Seedling selection from seedlot collected wild in China. **local name:** Kusa-ichigo. **remarks:** These seedling vary from others from the same seedlot by having a reddish area in the center of the leaves. Perennial. Breeding Material. Plant.

PI 554046. *Rubus tephrodes* var. *ampliflorus* (A. Leveille & Vaniot) Hand.-Mazz. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 17, 1987.

origin: China. **pedigree:** Collected from the wild in China. **local name:** Kusa-ichigo. **locality:** Hua Jin, Lushan Mountains. Perennial. Wild. Seed.

PI 554047. *Rubus tephrodes* var. *ampliflorus* (A. Leveille & Vaniot) Hand.-Mazz. ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 29, 1988.

origin: China. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Chinese seedlot CRUB 1548. **local name:** Kusa-ichigo. Perennial. Breeding Material. Plant.

PI 554048. *Rubus tephrodes* var. *ampliflorus* (A. Leveille & Vaniot)
Hand.-Mazz. ROSACEAE Raspberry

Donated by: Rombough, Lon, 13113 Ehlen Road, Aurora, Oregon, United States. Received May 08, 1990.

origin: China. **historical origin:** United States. **origin institute:** USDA/ARS, NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon 97333. **pedigree:** Seedling selection from seedlot collected wild in China. **local name:** Kusa-ichigo. **remarks:** These seedlings vary from others in the same lot by having a reddish area in the center of the leaves. Perennial. Breeding Material. Plant.

PI 554049. *Rubus thibetanus* Franchet ROSACEAE Raspberry

Donated by: Keep, E., East Malling Research Station, Maidstone, Kent, England, United Kingdom. Received December 20, 1982.

origin: UNCERTAIN. **pedigree:** Uncertain, possibly a seedling selection?. Perennial. Plant.

PI 554050. *Rubus trianthus* Focke ROSACEAE Raspberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received November 29, 1988.

origin: China. **pedigree:** Collected from the wild in China. **collected:** 1988. **latitude:** 27 deg. 30 min. N. **longitude:** 116 deg. E. Perennial. Wild. Seed.

PI 554051. *Rubus trifidus* Thunb. ROSACEAE Raspberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: Japan. **origin institute:** Department of Biology, Toyama University, Gofuku, Toyama 930. Perennial. Breeding Material. Plant.

PI 554052. *Rubus trivialis* Michaux ROSACEAE Blackberry

Donated by: Soderholm, P.K., USDA/ARS, Subtropical Hort. Res. Station, Miami, Florida, United States. Received February 03, 1983.

PI 554052-continued

origin: United States. **pedigree:** Collected from the wild in Georgia. **local name:** Southern Dewberry. **locality:** Tifton. **latitude:** 31 deg. 28 min. N. **longitude:** 82 deg. 32 min. W. **Perennial.** Wild. Plant.

PI 554053 to 554054. *Rubus trivialis* Michaux ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received December 06, 1983.

PI 554053 **origin:** United States. **pedigree:** Collected from the wild in Texas. **local name:** Southern Dewberry. **collected:** October 14, 1983. **locality:** Partially disturbed, young deciduous forest in roadside park. **latitude:** 95 deg. 01 min. N. **longitude:** 31 deg. 50 min. W. **elevation:** 150m. **remarks:** Low growing bramble about 2 ft. leaves small, 5 leaflets. **Perennial.** Wild. Plant.

PI 554054 **origin:** United States. **pedigree:** Collected from the wild in Texas. **local name:** Southern Dewberry. **collected:** October 16, 1983. **locality:** In a roadside park in Athens. **latitude:** 97 deg. N. **longitude:** 29 deg. W. **elevation:** 152m. **remarks:** Semi-erect small bramble, leaflets 3 to 5 palmate, drk green. **Perennial.** Wild. Plant.

PI 554055. *Rubus trivialis* Michaux ROSACEAE Blackberry

Donated by: Strong, D.W., Mansfield, Louisiana, United States. Received July 22, 1985.

origin: United States. **pedigree:** Collected from the wild on his farm. **local name:** Southern Dewberry. **collected:** March 1985. **locality:** Frierson, Louisiana. **latitude:** 32 deg. 30 min. N. **longitude:** 93 deg. 30 min. W. **elevation:** 100m. **remarks:** Red cane, deep red pubescence on cane. **Perennial.** Wild. Plant.

PI 554056 to 554057. *Rubus trivialis* Michaux ROSACEAE Blackberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received December 17, 1987.

PI 554056 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 87-14-1. **pedigree:** Selection from the wild. **local name:** Southern Dewberry. **Perennial.** Breeding Material. Plant.

PI 554056 to 554057-continued

PI 554057 **origin:** United States. **origin institute:** North Carolina State University, Raleigh, North Carolina. **cultivar:** NC 87-14-02. **pedigree:** Selection from the wild. **local name:** Southern Dewberry. Biennial. Breeding Material. Plant.

PI 554058. *Rubus trivialis* Michaux ROSACEAE Blackberry

Donated by: Durand, H., Willis, Texas, United States. Received June 10, 1988.

origin: United States. **pedigree:** Collected from the wild in Texas. **local name:** Southern Dewberry. **collected:** 1988. **locality:** Willis, TX. **latitude:** 31 deg. 40 min. N. **longitude:** 98 deg. 30 min. W. **remarks:** Blooms early March, fruits in early May. Perennial. Wild. Seed.

PI 554059. *Rubus tuberculatus* Bab. ROSACEAE

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received April 02, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **remarks:** From species collection of Harvey Hall. Perennial. Wild. Seed.

PI 554060. *Rubus ulmifolius* Schott ROSACEAE Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received November 05, 1982.

origin: United States. **historical origin:** United States. **cultivar:** Burbank Thornless. **pedigree:** Wild species from West Virginia (Himalayas). **remarks:** Very vigorous, fruit uniform, firm, good flavor. Perennial. Cultivar. Plant.

PI 554061. *Rubus ursinus* Cham. & Schldl. ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

PI 554061-continued

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit
Research Center, Wenatchee, Washington 98801. **local**
name: Pacific Blackberry. Perennial. Breeding Material.
Plant.

PI 554062. *Rubus ursinus* Cham. & Schldl. ROSACEAE Blackberry

Donated by: Converse, R.H., USDA/ARS, Oregon State University, Dept.
Botany & Plant Pathology, Corvallis, Oregon, United States.
Received March 23, 1981.

origin: United States. **cultivar:** Santiam. **pedigree:**
Selection from the wild. **local name:** Pacific Blackberry.
remarks: Has trailing *R. macropetalus* traits. Perennial.
Cultivar. Plant.

PI 554063 to 554064. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept.
Horticulture, Corvallis, Oregon, United States. Received April 23,
1983.

PI 554063 **origin:** United States. **origin institute:** USDA/ARS,
Oregon State University, Corvallis, Oregon. **cultivar:**
Hunter. **pedigree:** Selection from the wild. **local name:**
Pacific Blackberry. Perennial. Cultivar. Plant.

PI 554064 **origin:** United States. **origin institute:** USDA/ARS,
Oregon State University, Corvallis, Oregon. **cultivar:**
Dyke. **pedigree:** Selection from the wild. **local name:**
Pacific Blackberry. Perennial. Cultivar. Plant.

PI 554065. *Rubus ursinus* Cham. & Schldl. ROSACEAE Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received October 30, 1982.

origin: United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Pacific Blackberry. **collected:**
July 10, 1982. **locality:** Corvallis. **latitude:** 44 deg.
36 min. N. **longitude:** 123 deg. 15 min. W. **elevation:**
600m. Perennial. Wild. Seed.

PI 554066 to 554067. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 01, 1982.

PI 554066 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** June 01, 1982. **locality:** Near Breitenbush Lake at Detroit, OR. **latitude:** 44 deg. 45 min. N. **longitude:** 122 deg. 28 min. W. **elevation:** 650m. Perennial. Wild. Seed.

PI 554067 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** June 01, 1982. **locality:** Florence, OR. **latitude:** 12 deg. 30 min. N. **longitude:** 44 deg. 00 min. W. **elevation:** 91m. Perennial. Wild. Plant.

PI 554068 to 554069. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Lawrence, F.J., USDA/ARS, Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received March 22, 1983.

PI 554068 **origin:** United States. **cultivar:** Zielinski. **pedigree:** Open pollinated seedling selection. **local name:** Pacific Blackberry. **remarks:** Small fruited, used only for breed purposes, Var pistillate. Perennial. Cultivar. Plant.

PI 554069 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Oregon State University, Corvallis, Oregon. **cultivar:** Bodega Bay. **pedigree:** Selection from the wild. **local name:** Pacific Blackberry. **remarks:** Personal comm., F.J.Lawrence. Perennial. Breeding Material. Plant.

PI 554070 to 554071. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 15, 1983.

PI 554070 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** July 11, 1983. **locality:** Road shoulder in cut through undisturbed forest, McKenzie. **latitude:** 44 deg. 25 min. N. **longitude:** 122 deg. 01 min. W. **elevation:** 1050m. Perennial. Wild. Seed.

PI 554070 to 554071-continued

PI 554071 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** July 11, 1983. **locality:** Above Cougar Reservoir near Olallie Trail junction. **latitude:** 44 deg. 25 min. N. **longitude:** 122 deg. 01 min. W. **elevation:** 1050m. Perennial. Wild. Seed.

PI 554072 to 554074. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 07, 1984.

PI 554072 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** July 07, 1984. **locality:** Port Orchard, WA. **latitude:** 47 deg. 05 min. N. **longitude:** 112 deg. 06 min. W. **elevation:** 70m. **remarks:** Thorny trailing vine, variation in plant vigor & fruit size. Perennial. Wild. Seed.

PI 554073 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **local name:** Pacific Blackberry. **collected:** July 02, 1984. **locality:** Sandpoint, above Pend Oreille Reservoir. **latitude:** 48 deg. 20 min. N. **longitude:** 116 deg. 30 min. W. **elevation:** 660m. **remarks:** Slender thorny vine, ending flowering period 7-2-84. Perennial. Wild. Plant.

PI 554074 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** July 02, 1984. **locality:** Cle Elum, off Cabin Creek Rd. **latitude:** 47 deg. 15 min. N. **longitude:** 120 deg. 95 min. W. **elevation:** 830m. **remarks:** Slender thorny trailing vine, flowering ending 7-2-84. Perennial. Wild. Plant.

PI 554075 to 554079. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

PI 554075 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** July 24, 1985. **locality:** Siskiyou National Forest. **latitude:** 42 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 510m. **remarks:** Small fruit population sample. Perennial. Wild. Seed.

- PI 554076 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** July 30, 1985. **locality:** 25 degree slope, Deschutes National Forest. **latitude:** 43 deg. 30 min. N0. **longitude:** 121 deg. 45 min. W. **elevation:** 1130m. **remarks:** Fruit population collection. Perennial. Wild. Seed.
- PI 554077 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** July 31, 1985. **locality:** On roadbanks, Willamette National Forest. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. W. **elevation:** 1000m. **remarks:** Typical fruite size and morphology. Perennial. Wild. Seed.
- PI 554078 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** July 23, 1985. **locality:** Suislaw Nat'l Forest in mature old-growth forest. **latitude:** 44 deg. 00 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 200m. **remarks:** Fruit and plant typical for species, population sample. Perennial. Wild. Seed.
- PI 554079 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Pacific Blackberry. **collected:** July 22, 1985. **locality:** Siuslaw National Forest, along roadsides above creek. **latitude:** 44 deg. 15 min. N. **longitude:** 123 deg. 40 min. W. **elevation:** 150m. **remarks:** Fine fruit quality, extensive fruit colonies by roadside. Perennial. Wild. Seed.

PI 554080 to 554088. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Ballington, J.R., North Carolina State Univ., Dept. Horticulture, Raliegh, North Carolina, United States. Received August 21, 1985.

- PI 554080 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 05, 1985. **locality:** Along roadbanks, near Wind River, Washington. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1300m. **remarks:** Typical fruit for species, population sample. Perennial. Wild. Seed.

PI 554080 to 554088-continued

- PI 554081 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 07, 1985. **locality:** Gifford-Pinchot Nat'l Forest in an old clearcut. **latitude:** 46 deg. N. **longitude:** 122 deg. W. **elevation:** 1100m. **remarks:** Fairly variable druplet size, leaf disease, fruit rot. Perennial. Wild. Seed.
- PI 554082 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 08, 1985. **locality:** Olympic Nat'l Forest, at edges of mature, old-growth forest. **latitude:** 47 deg. 10 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 760m. **remarks:** Generally good fruit size, some fruit rot. Perennial. Wild. Seed.
- PI 554083 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 09, 1985. **locality:** Olympic National Forest, along roadsides. **latitude:** 47 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 667m. **remarks:** 25% ripe plants scattered throughout woods. Perennial. Wild. Seed.
- PI 554084 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 09, 1985. **locality:** Olympic National Forest, along roadsides. **latitude:** 47 deg. 10 min. N. **longitude:** 124 deg. W. **elevation:** 667m. **remarks:** Fruit from one clone, outstanding for fruit size. Perennial. Wild. Seed.
- PI 554085 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 10, 1985. **locality:** Olympic National Forest along a roadbank. **latitude:** 47 deg. 30 min. N. **longitude:** 124 deg. W. **elevation:** 666m. **remarks:** Typical morphology from fruit population collection. Perennial. Wild. Seed.
- PI 554086 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 11, 1985. **locality:** Olympic Nat'l Forest, along roadsides at woods edge. **latitude:** 47 deg. 30 min. N. **longitude:** 124 deg. W. **elevation:** 530m. **remarks:** Fruit population sample. Perennial. Wild. Seed.

PI 554080 to 554088-continued

PI 554087 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 12, 1985. **locality:** Olympic Nat'l Forest off Lord's Lake Road. **latitude:** 47 deg. 50 min. N. **longitude:** 124 deg. W. **elevation:** 363m. **remarks:** Typical fruit population sample. Perennial. Wild. Seed.

PI 554088 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Pacific Blackberry. **collected:** August 13, 1985. **locality:** Olympic Nat'l Forest along roadbank. **latitude:** 48 deg. N. **longitude:** 124 deg. W. **elevation:** 566m. **remarks:** Fruit with large drupelet size from one clone. Perennial. Wild. Seed.

PI 554089 to 554090. *Rubus ursinus* Cham. & Schldl. ROSACEAE
Blackberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

PI 554089 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Pacific Blackberry. **collected:** August 05, 1986. **locality:** Lassen Nat'l Forest, at edge of disturbed area at Deer Creek. **latitude:** 40 deg. 30 min. N. **longitude:** 121 deg. 30 min. W. **elevation:** 1320m. **remarks:** One clone collected, typical, no fruit. Perennial. Wild. Plant.

PI 554090 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Pacific Blackberry. **collected:** August 05, 1986. **locality:** Plumas Nat'l forest in flood plain in mixed forest. **latitude:** 39 deg. 35 min. N. **longitude:** 121 deg. 35 min. W. **elevation:** 720m. **remarks:** Typical, extensive populations, no fruit. Perennial. Wild. Plant.

PI 554091. *Rubus vestitus* Weihe ROSACEAE

Donated by: Skirvin, R.M., University of Illinois, Dept. Horticulture, Urbana, Illinois, United States. Received April 02, 1986.

origin: New Zealand. **pedigree:** Collected from the wild in New Zealand. **latitude:** 41 deg. S. **longitude:** 174 deg. E. **remarks:** From species collection of Harvey Hall. Perennial. Wild. Seed.

PI 554092. *Rubus vestitus* Weihe ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 554093. *Rubus vigorosus* Muller & Wirtgen ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 554094. *Rubus wahlbergii* J. Arrh. ROSACEAE Blackberry

Donated by: Barritt, B., Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 18, 1981.

origin: UNCERTAIN. **historical origin:** United States.
origin institute: Washington State University, Tree Fruit Research Center, Wenatchee, Washington. Perennial. Breeding Material. Plant.

PI 554095. *Rubus wahlbergii* J. Arrh. ROSACEAE Blackberry

Donated by: Nybom, H., Swedish University, Horticultural Plant Breeding, Kristianstad, Sweden. Received February 22, 1990.

origin: Sweden. **pedigree:** Open pollinated from botanical collection. **latitude:** 67 deg. N. **longitude:** 15 deg. E.
remarks: Parent clone is part of the Nordic Gene Bank. Probably apomictic. Perennial. Cultivated. Seed.

PI 554096 to 554119. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received January 01, 1987.

PI 554096 to 554119-continued

- PI 554096 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M84-529. **cultivar:** M83-1541. **pedigree:** Red Bobs backcross Reb Bobs/Sel. 1403. **remarks:** Common bunt differential. Contains Bt2. Spring growth habit. White seed. Genetic Material. Seed.
- PI 554097 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-6. **cultivar:** SELECTION 1102. **remarks:** Common bunt differential. Contains Bt2. Winter growth habit. Genetic Material. Seed.
- PI 554098 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-21. **cultivar:** P68-1336-7. **pedigree:** PI 166910/Elgin. **remarks:** Common bunt differential. Contains Bt11. Genetic Material. Seed.
- PI 554099 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-18. **cultivar:** R63-6968. **pedigree:** Elgin/PI 178383. **remarks:** Common bunt differential. Contains Bt9. Genetic Material. Seed.
- PI 554100 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-14. **cultivar:** SELECTION 50077. **pedigree:** selection from CItr 13561. **remarks:** Common bunt differential. Contains Bt7. Genetic Material. Seed.
- PI 554101 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-4. **cultivar:** SELECTION 2092. **remarks:** Common bunt differential. Contains Bt1. Genetic Material. Seed.
- PI 554102 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-7. **cultivar:** SELECTION 1403. **remarks:** Common bunt differential. Contains Bt2. Spring growth habit. Genetic Material. Seed.
- PI 554103 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-5. **cultivar:** SELECTION 2075. **pedigree:** Elgin/Sel. 1403. **remarks:** Common bunt differential. Contains Bt2. Winter growth habit. Genetic Material. Seed.

PI 554096 to 554119-continued

- PI 554104 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M86-65. **pedigree:** Stephen *2/Hohenheimer. **remarks:** Common bunt differential. Contains Bt5. Genetic Material. Seed.
- PI 554105 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M86-60. **cultivar:** PB82-187. **pedigree:** Stephen *2/Hohenheimer. **remarks:** Common bunt differential. Contains Bt4, 5. Used in Kanbertay's Thesis. Genetic Material. Seed.
- PI 554106 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-106. **cultivar:** P78-24. **pedigree:** Elgin/PI 119333. **remarks:** Common bunt differential. Contains Bt12 (not reported- identified by R.J. Metzger). Genetic Material. Seed.
- PI 554107 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M86-1. **cultivar:** BROWN CHAFF ELGIN. **pedigree:** selection from Elgin. **remarks:** Developed as common bunt susceptible genetic stock. Genetic Material. Seed.
- PI 554108 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-6115. **cultivar:** M83-1531. **pedigree:** Red Bobs backcross Red Bobs/White Federation. **remarks:** Common bunt differential. Contains Bt1. Genetic Material. Seed.
- PI 554109 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M84-625. **cultivar:** M83-1621. **pedigree:** Red Bobs backcross Red Bobs/PI 178383. **remarks:** Common bunt differential. Contains Bt10. Spring growth habit. Genetic Material. Seed.
- PI 554110 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M84-574. **cultivar:** M78-9496. **pedigree:** Red Bobs backcross Red Bobs/PI 178210. **remarks:** Common bunt differential. Contains Bt8. White seed. Genetic Material. Seed.

PI 554096 to 554119-continued

- PI 554111 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-6127. **cultivar:** M83-1601. **pedigree:** Red Bobs backcross Red Bobs/PI 178210. **remarks:** Common bunt differential. Contains Bt8. Red seed. Spring growth habit. Genetic Material. Seed.
- PI 554112 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** R84-2331. **cultivar:** M77-1140. **pedigree:** Red Bobs backcross Red Bobs/CI 7090. **remarks:** Common bunt differential. Contains Bt9. Spring growth habit. Genetic Material. Seed.
- PI 554113 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M86-2024. **cultivar:** M85-2124. **pedigree:** Elgin/PI 178383. **remarks:** Common bunt differential. Contains Bt9, 10. Genetic Material. Seed.
- PI 554114 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M84-568. **cultivar:** M83-1591. **pedigree:** Red Bobs backcross Red Bobs/Turkey 3055. **remarks:** Common bunt differential. Contains Bt7. Spring growth habit. Genetic Material. Seed.
- PI 554115 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-6119. **cultivar:** M81-152. **pedigree:** Red Bobs backcross Red Bobs/Turkey 3055. **remarks:** Common bunt differential. Contains Bt4. Spring growth habit. Genetic Material. Seed.
- PI 554116 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M84-537. **cultivar:** M83-1551. **pedigree:** Red Bobs backcross Red Bobs/Ridit. **remarks:** Common bunt differential. Contains Bt3. Spring growth habit. Genetic Material. Seed.
- PI 554117 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M84-557. **cultivar:** M83-1581. **pedigree:** Red Bobs backcross Red Bobs/Rio. **remarks:** Common bunt differential. Contains Bt6. Spring growth habit. Genetic Material. Seed.

PI 554096 to 554119-continued

- PI 554118 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-19. **cultivar:** R63-6982. **pedigree:** Elgin/PI 178383. **remarks:** Common bunt differential. Contains Bt10. Genetic Material. Seed.
- PI 554119 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **cultivar:** M82-2123. **pedigree:** Elgin/PI 166910. **remarks:** Common bunt differential. Contains Bt11 (not reported- identified by R.J. Metzger). Genetic Material. Seed.

PI 554120 to 554121. *Triticum compactum* Host POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received January 01, 1987.

- PI 554120 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M86-2018. **cultivar:** M72-1250. **pedigree:** PI 173438/Elgin. **remarks:** Common bunt differential. Contains Bt8. Genetic Material. Seed.
- PI 554121 **origin:** United States. **origin institute:** USDA-ARS, Oregon State University, Oregon. **origin institute id:** M85-9. **pedigree:** Ridit/Elgin. **remarks:** Common bunt differential. Contains Bt3. Genetic Material. Seed.

PI 554122. *Triticum durum* Desf. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received January 01, 1987.

origin: United States. **origin institute id:** M82-35.
remarks: Excellent common bunt resistance. Compact head. Genetic Material. Seed.

PI 554123 to 554130. *Phaseolus vulgaris* L. FABACEAE

Donated by: Berrier, B. F., 1407 Grand, Canon City, Colorado, United States. Received 1983.

- PI 554123 **origin:** United States. Seed.
- PI 554124 **origin:** United States. **cultivar:** HALF RUNNER. Seed.
- PI 554125 **origin:** Malawi. Seed.

PI 554123 to 554130-continued

PI 554126 origin: United States. cultivar: BUSH BEAN. Seed.

PI 554127 origin: United States. cultivar: RED SUGAR CUT SHORT (POLE). Seed.

PI 554128 origin: UNKNOWN. Seed.

PI 554129 origin: United States. cultivar: TOP CROP BUSH. Seed.

PI 554130 origin: United States. cultivar: 000 + 165. Seed.

PI 554131. *Phaseolus vulgaris* L. FABACEAE

Donated by: Cramp, D. C., 29919 Vale Olvera, Temecula, California, United States. Received 1985.

origin: United States. cultivar: TENNESSEE WONDER. Seed.

PI 554132 to 554133. *Phaseolus vulgaris* L. FABACEAE

Donated by: Colorado USDA, ARS, Colorado, United States. Received 1987.

PI 554132 origin: United States. cultivar: AZTEC ZIA BEAN 216.

PI 554133 origin: United States. cultivar: SPECKLED CUTSHORT 481.

PI 554134 to 554138. *Phaseolus vulgaris* L. FABACEAE

Donated by: USDA, ARS, National Seed Storage Lab, Colorado State University, Ft. Collins, Colorado, United States. Received 1988.

PI 554134 origin: United States. cultivar: BIGE.

PI 554135 origin: United States. cultivar: BIHI.

PI 554136 origin: United States. cultivar: NEW RAMANO.

PI 554137 origin: United States. cultivar: REFUGEE WAX.

PI 554138 origin: United States. cultivar: SCHELLS GOLDEN GLORY.

PI 554139. *Koeleria macrantha* (Ledeb.) Schultes POACEAE

Donated by: de Bruijin, K., Barenbrug Recherches, 341 Avenue de Toulouse, 82600 Verdun sur Garonne, France. Received March 04, 1991.

PI 554139-continued

origin: United Kingdom. **cultivar:** BARKOEL. **other id:** W6 7246. **group:** W6. **locality:** Golf course, Minchinhampton, south of England. **remarks:** Ploidy 2n=28. **received as:** *Koeleria cristata*. Wild. Seed.

PI 554140. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Received .

origin: China. **remarks:** Previously PI 70813 (Reidentified as *Hordeum vulgare*). Seed.

PI 554141 to 554142. *Triticum aestivum* L. POACEAE

Donated by: DePauw, R.M., Swift Current Res. Sta. -- Agric. Canada, Box 1030, Swift Current, Saskatchewan, Canada. **remarks:** Two Sprouting Tolerant White Wheat Germplasms. Received July 31, 1991.

PI 554141 **origin:** Canada. **origin institute:** Swift Current Res. Sta. -- Agric. Canada, Box 1030, Swift Current, Saskatchewan S9H 3X2. **cultivar:** SC8019R1. **pedigree:** Kenya 321.BT.1.B.1/Takahe. **other id:** GP-335. **group:** CSR-WHEAT. **remarks:** Spring wheat. Kernels white. Improved tolerance to sprouting prior to harvest. Moderately resistant to leaf rust (*Puccinia recondita*). Resistant to stem rust (*P. graminis*). Susceptible to common bunt (*Tilletia laevis*). Resistant to loose smut (*Ustilago tritici*). Annual. Breeding Material. Seed.

PI 554142 **origin:** Canada. **origin institute:** Swift Current Res. Sta. -- Agric. Canada, Box 1030, Swift Current, Saskatchewan S9H 3X2. **cultivar:** SC8021V2. **pedigree:** Kenya 321.BT.1.B.1/Peck. **other id:** GP-336. **group:** CSR-WHEAT. **remarks:** Spring wheat. Kernels white. Improved tolerance to sprouting prior to harvest. Moderately susceptible to leaf rust. Moderately resistant to stem rust. Resistant to both common bunt and loose smut. Annual. Breeding Material. Seed.

PI 554143. *Trifolium pratense* L. FABACEAE Red clover

Donated by: Stratton, S.D., FFR Cooperative, 4112 E. State Rd. 225, West Lafayette, Indiana, United States. Received July 31, 1991.

origin: United States. **origin institute:** FFR Cooperative, 4112 E. State Rd. 225, West Lafayette, Indiana 47906. **cultivar:** REDMAN. **other id:** FFR Syn J. **other id:** CV-18. **source:** Crop Sci. 19(6):928 1979. **group:** CSR-CLOVER, RED. Perennial. Cultivar. Seed.

PI 554144. *Trifolium pratense* L. FABACEAE Red clover

Donated by: Gorz, H.J., Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska, United States. Received July 31, 1991.

origin: United States. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska 68583. **cultivar:** N-2. **pedigree:** Interpollination of 198 plants highly resistant to both aphids derived from six germplasms from a total of 35 diverse sources of red clover germplasm used in the initial screening. **other id:** GP-11. **source:** Crop Sci. 19(3):417 1979. **group:** CSR-OTHER LEGUMES. **remarks:** Developed by five cycles of phenotype recurrent selection for yellow clover aphid (*Therioaphis trifolii*) and three such cycles for pea aphid (*Acyrtosiphon pisum*) resistance. The percentage of resistant plants increased from 0.3% in the initial screening to 95.6% in the fifth cycle for yellow clover aphid resistance and from 27.5% to 93.7% for pea aphid resistance. Useful as source of resistance in. Perennial. Breeding Material. Seed.

PI 554145. *Hordeum vulgare* L. POACEAE

Donated by: Kolding, M.F., Oregon Agr. Exp. Sta., P.O. Box 105, Hermiston, Oregon, United States. Received July 25, 1991.

origin: United States. **origin institute:** Oregon Agr. Exp. Sta., P.O. Box 105, Hermiston, Oregon 97838. **cultivar:** GWEN. **pedigree:** OHB67-23/Lakeland. **other id:** ORFB77796. **other id:** FB77796-H6001. **remarks:** Six-row, covered, medium-height, medium-early, BYDV-tolerant variety. Test weight high. Cold-hardy winter barley for the Pacific Northwest low-rainfall, shallow-soil sites. Rachis edged with sparse short hairs. Spike mid-dense. Glume awned, normal-short with short hairs. Aleurone clear. Lemma hairs were wanting. Veins smooth. Rachilla short-haired-normal. Lemma base shape is depression. Cultivar. Seed.

PI 554146 to 554177. *Aegilops biuncialis* Vis. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554146 **donor id:** H83-1005. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK003-018. **locality:** 21 km east of Kirsehir, Mucur. **elevation:** 1090m. Wild. Seed.

PI 554146 to 554177-continued

- PI 554147 **donor id:** H80-206. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK003-024. **locality:** 21 km east of Kirsehir, Mucur. **elevation:** 1090m. Wild. Seed.
- PI 554148 **donor id:** H80-208. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK012-056. **locality:** 5 km south of Darende. **elevation:** 1030m. Wild. Seed.
- PI 554149 **donor id:** H80-209. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK020-097. **locality:** 50 km northwest of Kayarbakir. **elevation:** 890m. Wild. Seed.
- PI 554150 **donor id:** H83-1029. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-114.4D-hd1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops macrochaeta*. Wild. Seed.
- PI 554151 **donor id:** H83-1035. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-117.1A-hd1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554152 **donor id:** H80-217. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-119. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554153 **donor id:** H83-1039. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-119. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554154 **donor id:** H83-1043. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-120.4D. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops macrochaeta*. Wild. Seed.
- PI 554155 **donor id:** H83-1052. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-127.2B. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554156 **donor id:** H83-1053. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-127.3C. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops macrochaeta*. Wild. Seed.

PI 554146 to 554177-continued

- PI 554157 **donor id:** H83-1064. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK059-334-hdl. **locality:** 1 km south of Semdinli. **elevation:** 1400m. Wild. Seed.
- PI 554158 **donor id:** H83-1103. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-734A. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554159 **donor id:** H83-1104. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-734B. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554160 **donor id:** H80-201. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-743. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554161 **donor id:** H84-1191. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-744B. **other id:** H83-1107. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554162 **donor id:** H80-222. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-747. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554163 **donor id:** H84-1194. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-747B. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554164 **donor id:** H84-1193-1195. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-747C. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554165 **donor id:** H86-409. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-021.00. **locality:** Aegean Agric. Research Institute, Menemen. Wild. Seed.
- PI 554166 **donor id:** H86-485. **origin:** Turkey. **collected:** June 28, 1984. **collector id:** 84TK158-033.00. **locality:** 6 km south of Buldan junction. **elevation:** 275m. Wild. Seed.
- PI 554167 **donor id:** H86-489. **origin:** Turkey. **collected:** June 28, 1984. **collector id:** 84TK162-057.00. **locality:** 2 km south of Sarigol on hill with grasses and shrubs. **elevation:** 205m. Wild. Seed.
- PI 554168 **donor id:** H85-1267. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK223-009. **locality:** 18 km southeast of Balya. **elevation:** 200m. Wild. Seed.

PI 554146 to 554177-continued

- PI 554169 **donor id:** H85-1284. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK331-002. **locality:** 9 km south of Ankara. **elevation:** 850m. Wild. Seed.
- PI 554170 **donor id:** M89-71. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK331-002. **locality:** 9 km south of Ankara. **elevation:** 850m. Wild. Seed.
- PI 554171 **donor id:** H86-438. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK372-001.00. **locality:** Menemen; south-facing slope. **elevation:** 45m. Wild. Seed.
- PI 554172 **donor id:** H86-445. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK430-003.00. **locality:** 5 km south of sivas-Malatya province border. **elevation:** 1500m. Wild. Seed.
- PI 554173 **donor id:** H86-447. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK435-002.00. **locality:** 12 km west of Malatya. **elevation:** 1175m. Wild. Seed.
- PI 554174 **donor id:** H86-497-1. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK443-002.00. **locality:** 1 km east of Arapkir-Elazig-Malatya jct. toward Elazig. **elevation:** 1000m. Wild. Seed.
- PI 554175 **donor id:** H86-451-5. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK443-003.03. **locality:** 1 km east of Arapkir-Elazig-Malatya jct. toward Elazig. **elevation:** 1000m. Wild. Seed.
- PI 554176 **donor id:** M89-510. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG005-002. **locality:** 2 km east of Mostar on Highway 17. **elevation:** 70m. Wild. Seed.
- PI 554177 **donor id:** M89-516. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG005-003. **locality:** 2 km east of Mostar on Highway 17. **elevation:** 70m. Wild. Seed.

PI 554178 to 554190. *Aegilops columnaris* Zhuk. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

- PI 554178 **donor id:** H84-1190. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK072-391B. **locality:** 22 km north of Van. Wild. Seed.

PI 554178 to 554190-continued

- PI 554179 **donor id:** H82-932. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK075-406. **locality:** 42 km southeast of Ercis-Karayollari Bakimevi. **elevation:** 1700m. Wild. Seed.
- PI 554180 **donor id:** H83-1083. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK091-458. **locality:** 35 km west of Tuzluca. **elevation:** 1010m. Wild. Seed.
- PI 554181 **donor id:** H84-1192. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-744C. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554182 **donor id:** H85-609. **origin:** Turkey. **collected:** June 1984. **collector id:** 84TK047-121. **locality:** 24 km southwest of Erdemli, Mersin across from Boy Scout Recreation Center. **elevation:** 30m. Wild. Seed.
- PI 554183 **donor id:** H86-423. **origin:** USSR. **collector id:** 84TK154-040.00. **other id:** 202. Wild. Seed.
- PI 554184 **donor id:** H86-444. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK430-001.00. **locality:** 5 km south of Sivas-Malatya province border. **elevation:** 1500m. Wild. Seed.
- PI 554185 **donor id:** H86-455. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK502-003.00. **locality:** 2 km southeast of Van on route to Gurpinar. **elevation:** 1810m. Wild. Seed.
- PI 554186 **donor id:** H86-509. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK503-002.00. **locality:** 6 km southeast of Van. **elevation:** 1990m. Wild. Seed.
- PI 554187 **donor id:** H86-467. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK570-001.00. **locality:** 2 km north of Van. **elevation:** 1710m. Wild. Seed.
- PI 554188 **donor id:** H86-469-3. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK571-001.01. **locality:** 29 km north of Van. **elevation:** 1790m. Wild. Seed.
- PI 554189 **donor id:** H86-469-1. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK571-001.02. **locality:** 29 km north of Van. **elevation:** 1790m. Wild. Seed.
- PI 554190 **donor id:** H86-514-2. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK571-002.02. **locality:** 29 km north of Van. **elevation:** 1790m. Wild. Seed.

PI 554191 to 554193. *Aegilops comosa* Sibth. & Smith POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554191 **donor id:** M89-77-86-406. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-008. **other id:** 181. **locality:** Aegean Agric. Research Institute, Menemen. Wild. Seed.

PI 554192 **donor id:** M86-475. **origin:** Turkey. **collected:** June 28, 1984. **collector id:** 84TK157-008.00. **locality:** Asagisamli-Denizli; 500 m. from jct. on Pamukkale road. **elevation:** 180m. Wild. Seed.

PI 554193 **donor id:** LMH88-21. **origin:** Turkey. **collected:** June 28, 1984. **collector id:** 84TK159-036. **locality:** 25 km south of Sarigol; 10 km north of Buldan Jct. **elevation:** 275m. **received as:** *Aegilops caudata*. Wild. Seed.

PI 554194. *Aegilops comosa* subsp. *heldreichii* (Boiss.) Eig POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

donor id: M89-75. **origin:** Turkey. **collected:** June 28, 1984. **collector id:** 84TK157-009. **locality:** Asagisamli-Denizli; 500 m. from jct. on Pamukkale road. **elevation:** 180m. **received as:** *Aegilops caudata*. Wild. Seed.

PI 554195 to 554199. *Aegilops crassa* Boiss. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554195 **donor id:** M89-58. **origin:** Turkey. **collector id:** 84TK154-027. **other id:** 253. **locality:** Aegean Agric. Research Institute, Menemen. Wild. Seed.

PI 554196 **donor id:** H86-413. **origin:** USSR. **collector id:** 84TK154-027.00. **other id:** 253. Wild. Seed.

PI 554197 **donor id:** H86-424. **origin:** USSR. **collector id:** 84TK154-041.00. Wild. Seed.

PI 554198 **donor id:** H86-431. **origin:** USSR. **collector id:** 84TK154-048. **other id:** 203. Wild. Seed.

PI 554195 to 554199-continued

PI 554199 **donor id:** M89-59. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-048. **other id:** 203. **locality:** Aegean Agric. Research Institute, Menemen. Wild. Seed.

PI 554200 to 554234. *Aegilops cylindrica* Host POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554200 **donor id:** H82-901. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK001-004A. **locality:** 76 km southeast of Ankara-Kirsehir road junction. **elevation:** 860m. Wild. Seed.

PI 554201 **donor id:** H83-1015. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK014-062-hdl. **locality:** 41 km south of Darende. **elevation:** 1610m. Wild. Seed.

PI 554202 **donor id:** H83-1019. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK018-079-hdl. **locality:** Hazar Lake; 35 km southeast of Elazig. **elevation:** 1280m. Wild. Seed.

PI 554203 **donor id:** H83-1056. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK046-1114. **locality:** 3 km northeast of Gevas. **elevation:** 1700m. Wild. Seed.

PI 554204 **donor id:** H83-1058. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK047-1101. **locality:** 19 km southeast of Van. **elevation:** 1940m. **remarks:** Glabrous. Wild. Seed.

PI 554205 **donor id:** H83-1059. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK047-289. **locality:** 19 km southeast of Van. **elevation:** 1940m. **remarks:** Glabrous. Wild. Seed.

PI 554206 **donor id:** H83-1063. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK059-333. **locality:** 1 km south of Semdinli. **elevation:** 1400m. Wild. Seed.

PI 554207 **donor id:** H83-1062. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK059-335. **locality:** 1 km south of Semdinli. **elevation:** 1400m. Wild. Seed.

PI 554208 **donor id:** H83-1066. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK064-352A. **locality:** 37 km northeast of Yuksekova. **elevation:** 1670m. Wild. Seed.

PI 554200 to 554234-continued

- PI 554209 donor id: H83-1068. origin: Turkey. collected: August 1979. collector id: 79TK064-353.2D. locality: 37 km northeast of Yuksekova. elevation: 1670m. Wild. Seed.
- PI 554210 donor id: H83-1070. origin: Turkey. collected: August 1979. collector id: 79TK069-338-hdl. locality: 19 km east of Van. elevation: 1830m. Wild. Seed.
- PI 554211 donor id: H83-1069. origin: Turkey. collected: August 1979. collector id: 79TK069-386. locality: 19 km east of Van. elevation: 1830m. remarks: Glabrous. Wild. Seed.
- PI 554212 donor id: H82-929. origin: Turkey. collected: August 1979. collector id: 79TK073-392. locality: 40 km north of Van. elevation: 1750m. Wild. Seed.
- PI 554213 donor id: H82-931. origin: Turkey. collected: August 1979. collector id: 79TK075-404. locality: 42 km southeast of Ercis-Karayollari Bakimevi'. elevation: 1700m. Wild. Seed.
- PI 554214 donor id: H83-1084. origin: Turkey. collected: August 1979. collector id: 79TK092-468. locality: 6 km southwest of Kagizman-Igdir-Erzurum road junction. elevation: 1190m. remarks: Glabrous. Wild. Seed.
- PI 554215 donor id: H83-1088. origin: Turkey. collected: August 1979. collector id: 79TK094-478. locality: 30 km southeast of Karakurt. elevation: 1300m. remarks: Glabrous. Wild. Seed.
- PI 554216 donor id: H83-1131. origin: Turkey. collected: August 1979. collector id: 79TK095-474A. locality: 8 km southeast of Karakurt. elevation: 1380m. Wild. Seed.
- PI 554217 donor id: H83-1098. origin: Turkey. collected: August 1979. collector id: 79TK136-738. locality: 95 km southwest of Ankara. elevation: 860m. remarks: Glabrous. Wild. Seed.
- PI 554218 donor id: H83-1099. origin: Turkey. collected: August 1979. collector id: 79TK136-739-hdl. locality: 95 km southwest of Ankara. elevation: 860m. Wild. Seed.
- PI 554219 donor id: H85-618. origin: Turkey. collected: July 1979. collector id: 84TK331-003. locality: 9 km south of Ankara. elevation: 850m. Wild. Seed.
- PI 554220 donor id: H86-442. origin: Turkey. collected: August 1984. collector id: 84TK414-002.01. locality: 20 km southeast of Mucur. elevation: 1175m. Wild. Seed.

PI 554200 to 554234-continued

- PI 554221 **donor id:** H86-448. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK435-004.01. **locality:** 12 km west of Malatya. **elevation:** 1175m. Wild. Seed.
- PI 554222 **donor id:** H86-501. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK460-002.01. **locality:** 11 km west of Elazig-Bingol province border. **elevation:** 1410m. Wild. Seed.
- PI 554223 **donor id:** H86-502-1. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK465-003.00. **locality:** 20 km east of Bingol. **elevation:** 1250m. Wild. Seed.
- PI 554224 **donor id:** H86-503. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK473-002.01. **locality:** 12 km east of Mus-Bitlis province border. **elevation:** 1300m. Wild. Seed.
- PI 554225 **donor id:** H86-504-1. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK486-001.00. **locality:** 45 km east of Tatvan. **elevation:** 1750m. Wild. Seed.
- PI 554226 **donor id:** M90-592. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-004.00. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. Wild. Seed.
- PI 554227 **donor id:** H86-507. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK502-002.00. **locality:** 2 km southeast of Van on route to Gurpinar. **elevation:** 1810m. Wild. Seed.
- PI 554228 **donor id:** H86-512. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK503-004.01. **locality:** 6 km southeast of Van. **elevation:** 1990m. Wild. Seed.
- PI 554229 **donor id:** H86-459. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK563-003.01. **locality:** 16 km southwest of Semdinli. **elevation:** 1150m. Wild. Seed.
- PI 554230 **donor id:** H86-461. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK564-003.00. **locality:** 18 km southwest of Semdinli. **elevation:** 1125m. **remarks:** Pubescent. Wild. Seed.
- PI 554231 **donor id:** H86-465. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK566-006.00. **locality:** 21 km southwest of Semdinli. **elevation:** 1125m. Wild. Seed.
- PI 554232 **donor id:** H86-468. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK570-014.01. **locality:** 2 km north of Van. **elevation:** 1710m. Wild. Seed.

PI 554200 to 554234-continued

PI 554233 donor id: H86-470-1. origin: Turkey. collected: August 1984. collector id: 84TK572-001.01. locality: 42 km north of Van. elevation: 1710m. Wild. Seed.

PI 554234 donor id: H86-515. origin: Turkey. collected: August 1984. collector id: 84TK582-003.00. locality: 18 km south of Bitlis. elevation: 1225m. Wild. Seed.

PI 554235 to 554236. *Aegilops longissima* Schweinf. & Muschl. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554235 donor id: M89-505. origin: Israel. collector id: 84TK154-026. other id: 244. Wild. Seed.

PI 554236 donor id: H86-412. origin: USSR. collector id: 84TK154-026.00. other id: 244. Wild. Seed.

PI 554237. *Aegilops markgrafii* (Greuter) Hammer var. *markgrafii*
POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

donor id: H80-202. origin: Turkey. collected: August 1979. collector id: 79TK138-750. locality: 10 km north of Kusadasi. elevation: 130m. Wild. Seed.

PI 554238 to 554266. *Aegilops neglecta* Req. ex Bertol. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554238 donor id: H82-910. origin: Turkey. collected: August 1979. collector id: 79TK016-071A. locality: 25 km southwest of Elazig. elevation: 1160m. received as: *Aegilops triaristata*. Wild. Seed.

PI 554239 donor id: H80-216. origin: Turkey. collected: August 1979. collector id: 79TK021-106C. locality: 10 km northeast of Diyarbakir Regional Research Institute. elevation: 650m. received as: *Aegilops triaristata*. Wild. Seed.

PI 554238 to 554266-continued

- PI 554240 **donor id:** H82-915. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-106D. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554241 **donor id:** H83-1024. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-109B-hdl. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554242 **donor id:** H83-1025. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-109C-hdl. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554243 **donor id:** H83-1028. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-114.3C-hdl. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554244 **donor id:** H83-1032. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-116.1A-hdl. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554245 **donor id:** H82-918. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-122C. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554246 **donor id:** H83-1051. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-127.1A-hdl. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554247 **donor id:** H83-1054-1055. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-129.2B-3C. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554248 **donor id:** H83-1095. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK135-733. **locality:** Kizilcahamam. **received as:** *Aegilops triaristata*. Wild. Seed.

PI 554238 to 554266-continued

- PI 554249 donor id: H85-628. origin: Turkey. collected: June 1984. collector id: 84TK034-090-hd1. locality: 5 km northeast of Antalya-Akseki road jct. toward Akseki. elevation: 10m. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554250 donor id: H86-408. origin: USSR. collector id: 84TK154-017.00. other id: 247. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554251 donor id: H86-425. origin: USSR. collector id: 84TK154-042.00. other id: 242. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554252 donor id: H85-1277. origin: Turkey. collected: July 1984. collector id: 84TK265-007. locality: 16 km north of Osmaneli; 1 km southwest of Mekere. elevation: 50m. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554253 donor id: H85-619. origin: Turkey. collected: July 1984. collector id: 84TK347-066. locality: 32 km west of Konya. elevation: 1450m. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554254 donor id: H86-451-4. origin: Turkey. collected: August 1984. collector id: 84TK443-003.01. locality: 1 km east of Arapkir-Elazig-Malatya jct. toward Elazig. elevation: 1000m. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554255 donor id: H86-500. origin: Turkey. collected: August 1984. collector id: 84TK447-002.00. locality: 15 km east of Elazig. elevation: 1000m. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554256 donor id: H86-462. origin: Turkey. collected: August 1984. collector id: 84TK565-003.00. locality: 20 km southwest of Semdinli. elevation: 1075m. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554257 donor id: H85-606. origin: Turkey. collected: August 1984. collector id: 84TK566-033. locality: 21 km southwest of Semdinli. elevation: 1125m. received as: *Aegilops triaristata*. Wild. Seed.
- PI 554258 donor id: H86-513. origin: Turkey. collected: August 1984. collector id: 84TK570-009.00. locality: 2 km north of Van. elevation: 1710m. received as: *Aegilops triaristata*. Wild. Seed.

PI 554238 to 554266-continued

- PI 554259 **donor id:** M89-503. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG005-005. **locality:** 2 km east of Mostar on Highway 17. **elevation:** 70m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554260 **donor id:** M89-520. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG006-016. **locality:** 1 km east of Mostar. **elevation:** 70m. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554261 **donor id:** M89-517. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG007-005. **locality:** Along secondary road on 10 km loop starting at Trsteno, east of Highway 2. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554262 **donor id:** M89-512. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG008-005. **locality:** Along 10 km stretch on main highway just north of Dubrovnik. **elevation:** 50m. **remarks:** Vigorous. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554263 **donor id:** M89-67-1. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG008-013. **locality:** Along 10 km stretch of main highway just north of Dubrovnik. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554264 **donor id:** M89-515. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG011-002. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554265 **donor id:** M89-504. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG013-001. **received as:** *Aegilops triaristata*. Wild. Seed.
- PI 554266 **donor id:** M89-501. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG014-006. **received as:** *Aegilops triaristata*. Wild. Seed.

PI 554267 to 554270. *Aegilops peregrina* (Hackel) Maire & Weiller
POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

- PI 554267 **donor id:** H80-221-1. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-746-1. **locality:** 10 km north of Kusadasi. **elevation:** 130m. **received as:** *Aegilops variabilis*. Wild. Seed.

PI 554267 to 554270-continued

PI 554268 **donor id:** H80-221-2. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-746-2. **locality:** 10 km north of Kusadasi. **elevation:** 130m. **received as:** *Aegilops variabilis*. Wild. Seed.

PI 554269 **donor id:** H85-1291. **origin:** Turkey. **collected:** June 1984. **collector id:** 84TK057-148. **locality:** 4 km southwest of Samandaga village. **elevation:** 5m. **received as:** *Aegilops variabilis*. Wild. Seed.

PI 554270 **donor id:** H86-404. **origin:** USSR. **collector id:** 84TK154-023.00. **other id:** 241. **received as:** *Aegilops variabilis*. Wild. Seed.

PI 554271. *Aegilops sharonensis* Eig POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

donor id: H86-428. **origin:** USSR. **collector id:** 84TK154-045.00. **other id:** 252. Wild. Seed.

PI 554272 to 554290. *Aegilops* sp. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554272 **donor id:** H83-1018. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK018-078-hdl. **locality:** Hazar Lake; 35 km southeast of Elazig. **elevation:** 1280m. **received as:** *Aegilops ovata*. Wild. Seed.

PI 554273 **donor id:** H83-1041. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-120.2B-hdl. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops ovata*. Wild. Seed.

PI 554274 **donor id:** M89-53. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-747. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.

PI 554275 **donor id:** M89-79. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-024.01. **locality:** Aegean Agric. Research Institute, Menemen. **received as:** *Aegilops juncialis*. Wild. Seed.

PI 554272 to 554290-continued

- PI 554276 **donor id:** H86-411. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-025.01. **locality:** Aegean Agric. Research Institute, Menemen. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554277 **donor id:** H85-1270. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK212-008. **locality:** Tusan Motel, Gizelyali village; about 15 km south of Canakkale. **elevation:** 25m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554278 **donor id:** H85-1272. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK228-002. **locality:** 3 km east of Erdek. **elevation:** 15m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554279 **donor id:** H85-1273. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK230-002. **locality:** 11 km northwest of Karacabey. **elevation:** 20m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554280 **donor id:** H86-491-1. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK235-005.01. **locality:** 8 km east of Mudanya. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554281 **donor id:** H85-1278. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK257-001. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya road junction. **elevation:** 500m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554282 **donor id:** M90-610. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK273-002. **locality:** 4 km northeast of Kandira. **elevation:** 50m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554283 **donor id:** H85-1279. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK281-001. **locality:** 33 km southeast of Zonguldak. **elevation:** 60m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554284 **donor id:** H85-1281. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK290-001. **locality:** 16 km east of Seven Lakes Park. **elevation:** 200m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554285 **donor id:** H85-1269. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK313-006. **locality:** 1 km southeast of Sarayduzu village. **elevation:** 450m. **received as:** *Aegilops ovata*. Wild. Seed.

PI 554272 to 554290-continued

- PI 554286 **donor id:** H86-435. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK347-006.00. **locality:** 32 km west of Konya. **elevation:** 1450m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554287 **donor id:** H86-493-494. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK371-005. **locality:** Aegean Agric. Research Institute, Menemen. **elevation:** 30m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554288 **donor id:** H86-504-2. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK486-002.00. **locality:** 45 km east of Tatvan. **elevation:** 1750m. **received as:** *Aegilops ovata*. Wild. Seed.
- PI 554289 **donor id:** M89-514. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG006-006. **locality:** 1 km east of Mostar. **elevation:** 70m. Wild. Seed.
- PI 554290 **donor id:** M89-519. **origin:** Yugoslavia. **collected:** 1985. **collector id:** 85YG007-004. **locality:** Along secondary road on 10 km loop starting at Trsteno, east of Highway 2. **elevation:** 20m. **received as:** *Aegilops ovata*. Wild. Seed.

PI 554291 to 554304. *Aegilops speltoides* Tausch POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

- PI 554291 **donor id:** H80-162. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-096. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops speltoides* ssp. *aucheri*. Wild. Seed.
- PI 554292 **donor id:** H83-1044. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-120.5E. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554293 **donor id:** H80-165. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-125-1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops speltoides* ssp. *aucheri*. Wild. Seed.

PI 554291 to 554304-continued

- PI 554294 **donor id:** H80-166. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-126-1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops speltoides* ssp. *aucheri*. Wild. Seed.
- PI 554295 **donor id:** H80-167. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-129-1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops speltoides* ssp. *aucheri*. Wild. Seed.
- PI 554296 **donor id:** H80-168. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-130. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554297 **donor id:** H80-169. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-131. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops speltoides* ssp. *aucheri*. Wild. Seed.
- PI 554298 **donor id:** H80-170. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-132-1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops speltoides* ssp. *aucheri*. Wild. Seed.
- PI 554299 **donor id:** H80-171. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-133. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. **received as:** *Aegilops speltoides* ssp. *aucheri*. Wild. Seed.
- PI 554300 **donor id:** H81-812. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-147. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554301 **donor id:** H84-1106. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-147. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554302 **donor id:** H86-478. **origin:** Turkey. **collected:** June 28, 1984. **collector id:** 84TK157-013.00. **locality:** Asagisamli-Denizli; 500 m. from jct. on Pamukkale road. **elevation:** 180m. Wild. Seed.

PI 554291 to 554304-continued

PI 554303 **donor id:** M90-589. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK458-002. **locality:** 5 km east of Tunceli-Bingol junction. **elevation:** 900m. Wild. Seed.

PI 554304 **donor id:** H86-464-466. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK566-001. **locality:** 21 km southwest of Semdinli. **elevation:** 1125m. Wild. Seed.

PI 554305. *Aegilops speltoides* var. *ligustica* (Savign.) Fiori POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

donor id: H86-452. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK466-001.00. **locality:** 29 km east of Bingol. **elevation:** 1400m. **received as:** *Aegilops ligustica*. Wild. Seed.

PI 554306 to 554324. *Aegilops tauschii* Cosson POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554306 **donor id:** H83-1102. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK-AGRI. **received as:** *Aegilops squarrosa*. Wild. Seed.

PI 554307 **donor id:** M90-60. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-043. **other id:** 248. **locality:** Aegean Agric. Research Institute, Menemen. **remarks:** Some resistance to powdery mildew. **received as:** *Aegilops squarrosa*. Wild. Seed.

PI 554308 **donor id:** H86-426. **origin:** USSR. **collector id:** 84TK154-043.00. **other id:** 248. **received as:** *Aegilops squarrosa*. Wild. Seed.

PI 554309 **donor id:** M89-81. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK483-002. **locality:** 21 km east of Tatvan. **elevation:** 1575m. **remarks:** Susceptible to powdery mildew. **received as:** *Aegilops squarrosa*. Wild. Seed.

PI 554310 **donor id:** M90-593. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-003. **other id:** H86-454. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **received as:** *Aegilops squarrosa*. Wild. Seed.

PI 554306 to 554324-continued

- PI 554311 **donor id:** M90-594. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-007. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554312 **donor id:** M90-595. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-008. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554313 **donor id:** M90-596. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-009. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554314 **donor id:** H85-1271. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-010. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554315 **donor id:** M90-598. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-012. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554316 **donor id:** M89-80. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-012. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **remarks:** Susceptible to powdery mildew. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554317 **donor id:** M90-597. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-061. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554318 **donor id:** M90-599. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK530-002. **locality:** 31 km southeast of Gecitli; 3 km east of Cukurca junction toward Hakkari. **elevation:** 1075m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554319 **donor id:** M90-600. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK532-001. **locality:** 12 km southwest of Hakkari on road to Uludere. **elevation:** 1200m. **received as:** *Aegilops squarrosa*. Wild. Seed.

PI 554306 to 554324-continued

- PI 554320 **donor id:** M90-601. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK534-004. **locality:** 34 km northeast of Hakkari. **elevation:** 1500m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554321 **donor id:** H85-650. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK562-005. **other id:** H86-473. **locality:** 14 km southwest of Semdinli. **elevation:** 1250m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554322 **donor id:** M89-57-476. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK572-004.00. **locality:** 42 km north of Van. **elevation:** 1710m. **remarks:** Very long vernalization requirement. Susceptible to powdery mildew. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554323 **donor id:** M90-602. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK573.1-001. **locality:** 58 km north of Van. **elevation:** 1710m. **received as:** *Aegilops squarrosa*. Wild. Seed.
- PI 554324 **donor id:** H86-472. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK666-002. **other id:** H86-472. **locality:** 6 km southwest of Kagizman toward Karakurt; Aras River flood plain. **elevation:** 1275m. **remarks:** Should have very good cold resistance. **received as:** *Aegilops squarrosa*. Wild. Seed.

PI 554325 to 554384. *Aegilops triuncialis* L. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

- PI 554325 **donor id:** H83-1001. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK001-001. **locality:** 76 km southeast of Ankara-Kirsehir road junction. **elevation:** 860m. Wild. Seed.
- PI 554326 **donor id:** H80-205. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK001-003. **locality:** 76 km southeast of Ankara-Kirsehir road junction. **elevation:** 860m. Wild. Seed.
- PI 554327 **donor id:** H83-1003. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK001-008. **locality:** 76 km southeast of Ankara-Kirsehir road junction. **elevation:** 860m. Wild. Seed.

PI 554325 to 554384-continued

- PI 554328 **donor id:** H83-1004. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK002-010. **locality:** 1 km east of Kaman. **elevation:** 1020m. Wild. Seed.
- PI 554329 **donor id:** H83-1006. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK003-019. **locality:** 21 km east of Kirsehir, Mucur. **elevation:** 1090m. Wild. Seed.
- PI 554330 **donor id:** H83-1007-1008. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK003-020.1-2. **locality:** 21 km east of Kirsehir, Mucur. **elevation:** 1090m. Wild. Seed.
- PI 554331 **donor id:** H83-1010-1011. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK003-022.1-2. **locality:** 21 km east of Kirsehir, Mucur. **elevation:** 1090m. Wild. Seed.
- PI 554332 **donor id:** H80-207. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK005-031A. **locality:** 9 km southeast of Urgup. **elevation:** 1200m. Wild. Seed.
- PI 554333 **donor id:** H80-223. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK005-031B. **locality:** 9 km southeast of Urgup. **elevation:** 1200m. Wild. Seed.
- PI 554334 **donor id:** H82-902. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK005-038. **locality:** 9 km southeast of Urgup. **elevation:** 1200m. Wild. Seed.
- PI 554335 **donor id:** H83-1012. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK007-042-hdl. **locality:** 20 km northeast of Kayseri. **elevation:** 1090m. Wild. Seed.
- PI 554336 **donor id:** H82-906. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK013-061. **locality:** 32 km southeast of Darende. **elevation:** 1780m. Wild. Seed.
- PI 554337 **donor id:** H83-1016. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK016-073. **locality:** 25 km southwest of Elazig. **elevation:** 1160m. Wild. Seed.
- PI 554338 **donor id:** H83-1017. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK017-049-hdl. **locality:** 12 km southwest of Elazig. **elevation:** 1100m. Wild. Seed.
- PI 554339 **donor id:** H83-1021. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK019-084. **locality:** 27 km northwest of Kaden. **elevation:** 1310m. Wild. Seed.

PI 554325 to 554384-continued

- PI 554340 **donor id:** H80-210-211. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK020-098. **locality:** 50 km northwest of Kayarbakir. **elevation:** 890m. Wild. Seed.
- PI 554341 **donor id:** H80-212. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK020-996. **locality:** 50 km northwest of Kayarbakir. **elevation:** 890m. Wild. Seed.
- PI 554342 **donor id:** H80-215. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-106B. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554343 **donor id:** H83-1023. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-109A-hd1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554344 **donor id:** H83-1027. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-114.2B-hd1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554345 **donor id:** H83-1026. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-114A-1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554346 **donor id:** H83-1031. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-115. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554347 **donor id:** H83-1034. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-116C. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554348 **donor id:** H83-1038. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-118.2B. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554349 **donor id:** H83-1042. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-120.3C-hd1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554350 **donor id:** H83-1189. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-122A. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.

PI 554325 to 554384-continued

- PI 554351 **donor id:** H83-1046-1047. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-123.2-3C. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554352 **donor id:** H83-1050. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-128.2B. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554353 **donor id:** H83-1048. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-141-hdl. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554354 **donor id:** H82-920. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK027-142. Wild. Seed.
- PI 554355 **donor id:** H83-1057. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK046-280. **locality:** 3 km northeast of Gevas. **elevation:** 1700m. Wild. Seed.
- PI 554356 **donor id:** H83-1061. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK057-329-hdl. **locality:** 6 km south of Semdinli. **elevation:** 1700m. Wild. Seed.
- PI 554357 **donor id:** H83-1067. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK064-353.1A. **locality:** 37 km northeast of Yuksekova. **elevation:** 1670m. Wild. Seed.
- PI 554358 **donor id:** H82-926. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK064-355. **locality:** 37 km northeast of Yuksekova. **elevation:** 1670m. Wild. Seed.
- PI 554359 **donor id:** H82-927. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK064-356. **locality:** 37 km northeast of Yuksekova. **elevation:** 1670m. Wild. Seed.
- PI 554360 **donor id:** H83-1071. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK069-1113. **locality:** 19 km east of Van. **elevation:** 1830m. Wild. Seed.
- PI 554361 **donor id:** H82-928-1-4. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK072-391D. **locality:** 22 km north of Van. **remarks:** Slender spike. Wild. Seed.
- PI 554362 **donor id:** H80-219. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK074-394. **locality:** 43 km north of Van. **elevation:** 1710m. Wild. Seed.

PI 554325 to 554384-continued

- PI 554363 donor id: H83-1080. origin: Turkey. collected: August 1979. collector id: 79TK091-456A. locality: 35 km west of Tuzluca. elevation: 1010m. Wild. Seed.
- PI 554364 donor id: H83-1081. origin: Turkey. collected: August 1979. collector id: 79TK091-456B-hdl. locality: 35 km west of Tuzluca. elevation: 1010m. Wild. Seed.
- PI 554365 donor id: H83-1091. origin: Turkey. collected: August 1979. collector id: 79TK113-724-hdl. locality: 39 km northeast of Erzurum. elevation: 1620m. Wild. Seed.
- PI 554366 donor id: H83-1093. origin: Turkey. collected: August 1979. collector id: 79TK135-732A. locality: Kizilcahamam. Wild. Seed.
- PI 554367 donor id: H83-1094. origin: Turkey. collected: August 1979. collector id: 79TK135-732B-hdl. locality: Kizilcahamam. Wild. Seed.
- PI 554368 donor id: H83-1111. origin: Turkey. collected: August 1979. collector id: 79TK139-753. locality: Dilek Yarimadasi National Park. elevation: 0m. Wild. Seed.
- PI 554369 donor id: H83-1112. origin: Turkey. collected: August 1979. collector id: 79TK139-754. locality: Dilek Yarimadasi National Park. elevation: 0m. Wild. Seed.
- PI 554370 donor id: H83-1113. origin: Turkey. collected: August 1979. collector id: 79TK140-761. locality: Aliaga. elevation: 15m. Wild. Seed.
- PI 554371 donor id: H86-486. origin: Turkey. collected: June 28, 1984. collector id: 84TK159-046.00. locality: 25 km south of Sarigol; 10 km north of Buldan Jct. elevation: 275m. Wild. Seed.
- PI 554372 donor id: H86-488. origin: Turkey. collected: June 28, 1984. collector id: 84TK161-053.00. locality: 23 km north of Buldan Jct.; 12 km south of Sarigol. elevation: 320m. Wild. Seed.
- PI 554373 donor id: H85-1276. origin: Turkey. collected: July 1984. collector id: 84TK237-008. locality: 4 km north of Gemlik. elevation: 60m. Wild. Seed.
- PI 554374 donor id: H85-1288. origin: Turkey. collected: July 1984. collector id: 84TK353-002. locality: 36 km northeast of Beysehir; 19 km southwest of Sarkikaraagac. elevation: 1175m. Wild. Seed.

PI 554325 to 554384-continued

- PI 554375 **donor id:** H86-495. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK372-007.06. **locality:** Menemen; south-facing slope. **elevation:** 45m. Wild. Seed.
- PI 554376 **donor id:** H86-440. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK412-002.01. **locality:** 7 km southeast of Mucur. **elevation:** 1050m. **remarks:** Red glumes. Wild. Seed.
- PI 554377 **donor id:** H86-441. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK412-003.01. **locality:** 7 km southeast of Mucur. **elevation:** 1050m. Wild. Seed.
- PI 554378 **donor id:** H86-497-3. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK443-002.00. **locality:** 1 km east of Arapkir-Elazig-Malatya jct. toward Elazig. **elevation:** 1000m. Wild. Seed.
- PI 554379 **donor id:** H86-451-1. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK443-003.02. **locality:** 1 km east of Arapkir-Elazig-Malatya jct. toward Elazig. **elevation:** 1000m. Wild. Seed.
- PI 554380 **donor id:** H86-498. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK457-002.01. **locality:** 27 km south of Tunceli. **elevation:** 850m. Wild. Seed.
- PI 554381 **donor id:** H86-506. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK490-001.01. **locality:** 8 km west of Akdamar Island Landing along highway. **elevation:** 1725m. Wild. Seed.
- PI 554382 **donor id:** H86-508. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK501-005.01. **locality:** 14 km southwest of Van at sign reading 20 km to Van. **elevation:** 1650m. Wild. Seed.
- PI 554383 **donor id:** H85-652. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK562-006. **locality:** 14 km southwest of Semdinli. **elevation:** 1250m. Wild. Seed.
- PI 554384 **donor id:** H86-514-1. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK571-002.01. **locality:** 29 km north of Van. **elevation:** 1790m. Wild. Seed.

PI 554385 to 554417. *Aegilops umbellulata* Zhuk. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554385 to 554417-continued

- PI 554385 donor id: H83-1009. origin: Turkey. collected: August 1979. collector id: 79TK003-021.1-hdl. locality: 21 km east of Kirsehir, Mucur. elevation: 1090m. Wild. Seed.
- PI 554386 donor id: H82-905. origin: Turkey. collected: August 1979. collector id: 79TK012-057. locality: 5 km south of Darende. elevation: 1030m. Wild. Seed.
- PI 554387 donor id: H82-908. origin: Turkey. collected: August 1979. collector id: 79TK015-067. locality: 35 km southwest of Elazig. elevation: 1260m. Wild. Seed.
- PI 554388 donor id: H84-1187. origin: Turkey. collected: August 1979. collector id: 79TK016-071B. locality: 25 km southwest of Elazig. elevation: 1160m. Wild. Seed.
- PI 554389 donor id: H86-201. origin: Turkey. collected: August 1979. collector id: 79TK018-020. locality: Hazar Lake; 35 km southeast of Elazig. elevation: 1280m. Wild. Seed.
- PI 554390 donor id: H83-1020. origin: Turkey. collected: August 1979. collector id: 79TK018-080. locality: Hazar Lake; 35 km southeast of Elazig. elevation: 1280m. Wild. Seed.
- PI 554391 donor id: H82-914. origin: Turkey. collected: August 1979. collector id: 79TK019-083. locality: 27 km northwest of Kaden. elevation: 1310m. Wild. Seed.
- PI 554392 donor id: H83-1022. origin: Turkey. collected: August 1979. collector id: 79TK021-105. locality: 10 km northeast of Diyarbakir Regional Research Institute. elevation: 650m. Wild. Seed.
- PI 554393 donor id: H83-1030. origin: Turkey. collected: August 1979. collector id: 79TK021-114.6E-hdl. locality: 10 km northeast of Diyarbakir Regional Research Institute. elevation: 650m. Wild. Seed.
- PI 554394 donor id: H83-1033. origin: Turkey. collected: August 1979. collector id: 79TK021-116.2B-hdl. locality: 10 km northeast of Diyarbakir Regional Research Institute. elevation: 650m. Wild. Seed.
- PI 554395 donor id: H83-1036. origin: Turkey. collected: August 1979. collector id: 79TK021-117.2B. locality: 10 km northeast of Diyarbakir Regional Research Institute. elevation: 650m. Wild. Seed.

PI 554385 to 554417-continued

- PI 554396 **donor id:** M89-28-511. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-118.1-01. **other id:** H83-1037. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554397 **donor id:** H83-1040. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-120.1A. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554398 **donor id:** H82-917. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-122B. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554399 **donor id:** H83-1045. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-123.1A-hd1. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554400 **donor id:** H83-1049. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK021-128.1A. **locality:** 10 km northeast of Diyarbakir Regional Research Institute. **elevation:** 650m. Wild. Seed.
- PI 554401 **donor id:** H83-1106. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-744A. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.
- PI 554402 **donor id:** H83-1110. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK139-752. **other id:** M89-27-49. **locality:** Dilek Yarimadasi National Park. **elevation:** 0m. Wild. Seed.
- PI 554403 **donor id:** M89-29. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK139-752. **locality:** Dilek Yarimadasi National Park. **elevation:** 0m. **remarks:** Treated with colchicine. Wild. Seed.
- PI 554404 **donor id:** H85-626-627. **origin:** Turkey. **collected:** June 1984. **collector id:** 84TK034-090-hd1-2. **locality:** 5 km northeast of Antalya-Akseki road jct. toward Akseki. **elevation:** 10m. Wild. Seed.
- PI 554405 **donor id:** H86-476. **origin:** Turkey. **collected:** June 28, 1984. **collector id:** 84TK157-010.00. **locality:** Asagisamli-Denizli; 500 m. from jct. on Pamukkale road. **elevation:** 180m. Wild. Seed.

PI 554385 to 554417-continued

- PI 554406 donor id: H86-477. origin: Turkey. collected: June 28, 1984. collector id: 84TK157-012.00. locality: Asagisamli-Denizli; 500 m. from jct. on Pamukkale road. elevation: 180m. Wild. Seed.
- PI 554407 donor id: H86-490. origin: Turkey. collected: June 28, 1984. collector id: 84TK162-058.00. locality: 2 km south of Sarigol on hill with grasses and shrubs. elevation: 205m. Wild. Seed.
- PI 554408 donor id: H85-1283. origin: Turkey. collected: July 1984. collector id: 84TK328-001. locality: 1 km northeast of Kalecik-Ankara junction. elevation: 820m. Wild. Seed.
- PI 554409 donor id: H85-1285. origin: Turkey. collected: July 1984. collector id: 84TK331-009. locality: 9 km south of Ankara. elevation: 850m. Wild. Seed.
- PI 554410 donor id: H85-1286. origin: Turkey. collected: July 1984. collector id: 84TK349-003. locality: 27 km northeast of Beysehir. elevation: 1250m. Wild. Seed.
- PI 554411 donor id: H85-1287. origin: Turkey. collected: July 1984. collector id: 84TK349-004. locality: 27 km northeast of Beysehir. elevation: 1250m. Wild. Seed.
- PI 554412 donor id: H86-496. origin: Turkey. collected: August 1984. collector id: 84TK407-001.00. locality: 4 km southeast of Akpinar village. elevation: 1100m. Wild. Seed.
- PI 554413 donor id: H86-446. origin: Turkey. collected: August 1984. collector id: 84TK432-003.00. locality: 2 km south of Balaban. elevation: 1300m. Wild. Seed.
- PI 554414 donor id: H85-1268. origin: Turkey. collected: August 1984. collector id: 84TK446-009. locality: 32 km east of Kaban. elevation: 925m. Wild. Seed.
- PI 554415 donor id: H86-499. origin: Turkey. collected: August 1984. collector id: 84TK447-003.00. locality: 15 km east of Elazig. elevation: 1000m. Wild. Seed.
- PI 554416 donor id: H86-458. origin: Turkey. collected: August 1984. collector id: 84TK563-002.00. locality: 16 km southwest of Semdinli. elevation: 1150m. Wild. Seed.
- PI 554417 donor id: H86-604-1. origin: Turkey. collected: August 1984. collector id: 84TK681-002. locality: Corum. elevation: 890m. Wild. Seed.

PI 554418 to 554421. *Aegilops uniaristata* Vis. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554418 **donor id:** H86-433-438. **origin:** USSR. **collector id:** 84TK154-044. **other id:** 251. **remarks:** Vigorous. Wild. Seed.

PI 554419 **donor id:** H86-427. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-046.00. **locality:** Aegean Agric. Research Institute, Menemen. Wild. Seed.

PI 554420 **donor id:** M89-436. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-052. **other id:** 250. **locality:** Aegean Agric. Research Institute, Menemen. **remarks:** Unusually vigorous. Wild. Seed.

PI 554421 **donor id:** H86-434. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK251. **locality:** 7 km northwest of Eskisehir. **elevation:** 800m. Wild. Seed.

PI 554422. *Aegilops ventricosa* Tausch POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

donor id: H86-405. **origin:** USSR. **collector id:** 84TK154-014.00. **other id:** 245. Wild. Seed.

PI 554423. *Hordeum bulbosum* L. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

donor id: H80-182. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK138-748. **locality:** 10 km north of Kusadasi. **elevation:** 130m. Wild. Seed.

PI 554424 to 554428. *Hordeum spontaneum* K. Koch POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554424 **donor id:** H85-615. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK123-015. **locality:** 42 km east of Urfa. **elevation:** 600m. Wild. Seed.

PI 554424 to 554428-continued

- PI 554425 **donor id:** H85-679. **origin:** Turkey. **collected:** July 05, 1984. **collector id:** 84TK202-013. **locality:** 22 km southeast of Bergmana. **elevation:** 30m. Wild. Seed.
- PI 554426 **donor id:** H86-511. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK564-002.00. **locality:** 18 km southwest of Semdinli. **elevation:** 1125m. Wild. Seed.
- PI 554427 **donor id:** H86-460. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK564-004.01. **locality:** 18 km southwest of Semdinli. **elevation:** 1125m. Wild. Seed.
- PI 554428 **donor id:** H85-620. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK654-004. **locality:** 6 km north of Kars. **elevation:** 1800m. Wild. Seed.

PI 554429 to 554436. *Hordeum vulgare* L. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

- PI 554429 **donor id:** M84-553-1. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK090-454. **locality:** Tuzluca. **elevation:** 1000m. **remarks:** 2-row. Landrace. Seed.
- PI 554430 **donor id:** M80-10722. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK110-596. **locality:** 33 km north of Erzurum. **elevation:** 2010m. **remarks:** 2-row. Landrace. Seed.
- PI 554431 **donor id:** M80-10727. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK122-635. **locality:** 42 km southeast of Bayburt. **elevation:** 2250m. **remarks:** 2-row. Landrace. Seed.
- PI 554432 **donor id:** M80-8210-8211. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK122-636-hd1-2. **locality:** 42 km southeast of Bayburt. **elevation:** 2250m. **remarks:** 2-row. Landrace. Seed.
- PI 554433 **donor id:** M80-10733. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-704B. **locality:** Province Centre. **elevation:** 1300m. **remarks:** 2-row. Landrace. Seed.
- PI 554434 **donor id:** M80-10734-1. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-705. **locality:** Province Centre. **elevation:** 1300m. **remarks:** 2-row. Landrace. Seed.

PI 554429 to 554436-continued

PI 554435 **donor id:** M80-10735. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-709B. **locality:** Province Centre. **elevation:** 1300m. **remarks:** 2-row. Landrace. Seed.

PI 554436 **donor id:** H85-608. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK268-001.01. **locality:** Karamursel village; 15 km west of Golcuk. **elevation:** 8m. **remarks:** 2-row. Landrace. Seed.

PI 554437. *Secale ancestrale* (Zhuk.) Zhuk. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

donor id: H83-1114. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK141-759. **locality:** Menemen plain. **elevation:** 15m. Wild. Seed.

PI 554438 to 554475. *Triticum aestivum* L. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554438 **donor id:** M81-1227. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK048-1025-hd6. **locality:** 26 km southeast of Van. **elevation:** 1820m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.

PI 554439 **donor id:** H82-2226. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK068-387-hd3. **locality:** 9 km southeast of Baskale. **elevation:** 1950m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.

PI 554440 **donor id:** M81-1084. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK069-1055-hd3. **locality:** 19 km east of Van. **elevation:** 1830m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.

PI 554441 **donor id:** H82-1229-1. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK069-387-hd7. **locality:** 19 km east of Van. **elevation:** 1830m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.

PI 554442 **donor id:** H82-1229-2. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK069-387-hd8. **locality:** 19 km east of Van. **elevation:** 1830m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.

PI 554438 to 554475-continued

- PI 554443 **donor id:** M83-3088. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK069-387C-hd1. **locality:** 19 km east of Van. **elevation:** 1830m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554444 **donor id:** M81-214. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK076-220-hd23. **locality:** 17 km east of Erois. **elevation:** 1680m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554445 **donor id:** M81-207. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK076-220-hd4. **locality:** 17 km east of Erois. **elevation:** 1680m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554446 **donor id:** M84-3276. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK080-428. **locality:** 16 km north of Patnos. **elevation:** 1680m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554447 **donor id:** M82-3648. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK099-522A-hd4. **locality:** 9 km northwest of Arpacay. **elevation:** 1920m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554448 **donor id:** M81-1354. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK100-532D. **locality:** Arpacay, 10 km south of Dogruyol. **elevation:** 1900m. **remarks:** Bunt (*Tilletia* sp.) resistant. Lax and club-types spikes. Cultivated. Seed.
- PI 554449 **donor id:** H84-564. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK100-532D-hd1. **locality:** Arpacay, 10 km south of Dogruyol. **elevation:** 1900m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554450 **donor id:** M80-10109. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK103-543B-hd1. **locality:** 29 km west of Cildir. **elevation:** 1800m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554451 **donor id:** M84-3333. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK109-558-hd8. **locality:** Tortum-Yukari Sivri village. **elevation:** 1700m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554452 **donor id:** M83-3178. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK113-1074-hd1. **locality:** 39 km northeast of Erzurum. **elevation:** 1620m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.

PI 554438 to 554475-continued

- PI 554453 **donor id:** M83-3048. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK116-006-hd1. **locality:** 37 km northwest of Eleskirt. **elevation:** 2000m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554454 **donor id:** M84-3719. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK122-721A-hd1. **locality:** 42 km southeast of Bayburt. **elevation:** 2250m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554455 **donor id:** M84-3538. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK125-1107-hd7. **locality:** Province Centre. **elevation:** 1200m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554456 **donor id:** R84-417. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK126-655-hd1. **locality:** 56 km west of Erzincan. **elevation:** 1670m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554457 **donor id:** R84-453. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK126-655-hd7. **locality:** 56 km west of Erzincan. **elevation:** 1670m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554458 **donor id:** M85-69. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK126-655-hd9. **locality:** 56 km west of Erzincan. **elevation:** 1670m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554459 **donor id:** M81-1436. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK127-664. **locality:** 6 km west of Refahiye. **elevation:** 1460m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554460 **donor id:** M85-70. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK128-644-hd6. **locality:** Saip, 20 km west of Refahiye. **elevation:** 1500m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554461 **donor id:** R84-529-557. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK128-664-hd2-9. **locality:** Saip, 20 km west of Refahiye. **elevation:** 1500m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554462 **donor id:** M85-72. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-702-hd1. **locality:** Province Centre. **elevation:** 1300m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.

PI 554438 to 554475-continued

- PI 554463 **donor id:** M82-3489. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-705. **other id:** R84-1321. **locality:** Province Centre. **elevation:** 1300m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554464 **donor id:** R84-1473. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-705-hd15. **locality:** Province Centre. **elevation:** 1300m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554465 **donor id:** M82-3491. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-708. **locality:** Province Centre. **elevation:** 1300m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554466 **donor id:** M82-3496. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-710. **locality:** Province Centre. **elevation:** 1300m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554467 **donor id:** M82-3515. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK141-758-hd2. **locality:** Menemen plain. **elevation:** 15m. **remarks:** Bunt (*Tilletia* sp.) resistant. Cultivated. Seed.
- PI 554468 **donor id:** M90-615. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK223-003. **locality:** 18 km southeast of Balya. **elevation:** 200m. Cultivated. Seed.
- PI 554469 **donor id:** M90-552a. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK321-002.01. **locality:** 51 km south of Yenikonak toward junction W/030. **elevation:** 980m. Cultivated. Seed.
- PI 554470 **donor id:** M90-552b. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK321-002.02. **locality:** 51 km south of Yenikonak toward junction W/030. Cultivated. Seed.
- PI 554471 **donor id:** M90-616. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK343-003. **locality:** 29 km north of Konya. **elevation:** 900m. Cultivated. Seed.
- PI 554472 **donor id:** M90-613a. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK534-001.01. **locality:** 34 km northeast of Hakkari. **elevation:** 1500m. **remarks:** White glume. Cultivated. Seed.
- PI 554473 **donor id:** M90-613b. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK534-001.02. **locality:** 34 km northeast of Hakkari. **elevation:** 1500m. **remarks:** Red glume. Cultivated. Seed.

PI 554438 to 554475-continued

PI 554474 **donor id:** M90-619. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK570-020. **locality:** 2 km north of Van. **elevation:** 1710m. Cultivated. Seed.

PI 554475 **donor id:** M90-614. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK641-003. **locality:** Ani; overlooking river that forms border with USSR. **elevation:** 1475m. Cultivated. Seed.

PI 554476 to 554577. *Triticum boeoticum* Boiss. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554476 **donor id:** H80-148. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK020-095. **locality:** 50 km northwest of Kayarbakir. **elevation:** 890m. Wild. Seed.

PI 554477 **donor id:** H80-149. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK020-099-2. **locality:** 50 km northwest of Kayarbakir. **elevation:** 890m. Wild. Seed.

PI 554478 **donor id:** H80-153. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK140-760. **locality:** Aliaga. **elevation:** 15m. Wild. Seed.

PI 554479 **donor id:** M90-501. **origin:** Turkey. **collected:** June 15, 1984. **collector id:** 84TK072-016. **locality:** 19 km north of Gaziantep toward Yavuzeli. **elevation:** 800m. Wild. Seed.

PI 554480 **donor id:** M90-502. **origin:** Turkey. **collected:** June 15, 1984. **collector id:** 84TK074-028. **locality:** 1 km south of Araban village; 25 km north of Yavuzeli. **elevation:** 550m. Wild. Seed.

PI 554481 **donor id:** M90-505. **origin:** Turkey. **collected:** June 16, 1984. **collector id:** 84TK093-024. **locality:** 18 km southwest of Diyarbakir. **elevation:** 800m. Wild. Seed.

PI 554482 **donor id:** M90-506. **origin:** Turkey. **collected:** June 17, 1984. **collector id:** 84TK095-006. **locality:** Junction of Diyarbakir-Bismil road. **elevation:** 900m. Wild. Seed.

PI 554483 **donor id:** M90-507. **origin:** Turkey. **collected:** June 17, 1984. **collector id:** 84TK096-011.01. **locality:** 19 km southeast of Diyarbakir-Bismil junction on road to Bismil. **elevation:** 825m. Wild. Seed.

PI 554476 to 554577-continued

- PI 554484 donor id: M90-508. origin: Turkey. collected: June 17, 1984. collector id: 84TK096-011.02. locality: 19 km southeast of Diyarbakir-Bismil junction on road to Bismil. elevation: 825m. Wild. Seed.
- PI 554485 donor id: M90-510. origin: Turkey. collected: June 17, 1984. collector id: 84TK104-047. locality: 4 km northeast of Dicle. elevation: 925m. Wild. Seed.
- PI 554486 donor id: M90-511. origin: Turkey. collected: June 17, 1984. collector id: 84TK106-062. locality: 8 km southwest of Dicle. elevation: 950m. Wild. Seed.
- PI 554487 donor id: M90-512. origin: Turkey. collected: June 17, 1984. collector id: 84TK106-063. locality: 8 km southwest of Dicle. elevation: 950m. Wild. Seed.
- PI 554488 donor id: M90-517. origin: Turkey. collected: June 18, 1984. collector id: 84TK111-089.01. locality: 28 km east of Siverek. elevation: 1050m. Wild. Seed.
- PI 554489 donor id: M90-517. origin: Turkey. collected: June 18, 1984. collector id: 84TK111-089.02. locality: 28 km east of Siverek. elevation: 1050m. remarks: Black glume. Wild. Seed.
- PI 554490 donor id: M90-519. origin: Turkey. collected: June 18, 1984. collector id: 84TK113-098. locality: 14 km north of Hilvan. elevation: 500m. Wild. Seed.
- PI 554491 donor id: M90-520. origin: Turkey. collected: June 18, 1984. collector id: 84TK114-101. locality: 3 km north of Hilvan. elevation: 600m. Wild. Seed.
- PI 554492 donor id: H86-402. origin: Turkey. collected: June 18, 1984. collector id: 84TK114-101.01. locality: 3 km north of Hilvan. elevation: 600m. Wild. Seed.
- PI 554493 donor id: M90-521. origin: Turkey. collected: June 18, 1984. collector id: 84TK115-116.01. locality: 3 km southwest of Hilvan. elevation: 600m. Wild. Seed.
- PI 554494 donor id: M90-522. origin: Turkey. collected: June 18, 1984. collector id: 84TK115-116.02. locality: 3 km southwest of Hilvan. elevation: 600m. Wild. Seed.
- PI 554495 donor id: H86-403. origin: Turkey. collected: June 18, 1984. collector id: 84TK115-117. locality: 3 km southwest of Hilvan. elevation: 600m. Wild. Seed.

PI 554476 to 554577-continued

- PI 554496 **donor id:** M90-523. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK121-007. **locality:** 18 km southeast of Bozova. **elevation:** 725m. Wild. Seed.
- PI 554497 **donor id:** M90-525. **origin:** Turkey. **collected:** June 18, 1984. **collector id:** 84TK122-010. **locality:** 5 km north of Urfa. **elevation:** 600m. Wild. Seed.
- PI 554498 **donor id:** M90-529. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK125-021.01. **locality:** 20 km west of Viransehir. **elevation:** 550m. **remarks:** White glume. Wild. Seed.
- PI 554499 **donor id:** M90-529. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK125-021.02. **locality:** 20 km west of Viransehir. **elevation:** 550m. **remarks:** Black glume. **received as:** *Triticum boeoticum*. Wild. Seed.
- PI 554500 **donor id:** M90-527. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK125-038. **locality:** 20 km west of Viransehir. **elevation:** 550m. Wild. Seed.
- PI 554501 **donor id:** M90-524. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK128-030. **locality:** 20.5 km north of Ceylanpinar. **elevation:** 375m. Wild. Seed.
- PI 554502 **donor id:** M90-530. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK128-030. **locality:** 20.5 km north of Ceylanpinar. **elevation:** 375m. **remarks:** Black glume. Wild. Seed.
- PI 554503 **donor id:** M90-531. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK130-036. **locality:** At spring, 7 km south of Cinar (south of Diyarbakir). **elevation:** 625m. Wild. Seed.
- PI 554504 **donor id:** M90-532. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK130-037. **locality:** At spring, 7 km south of Cinar (south of Diyarbakir). **elevation:** 625m. Wild. Seed.
- PI 554505 **donor id:** M90-604. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK134-007. **locality:** 20 km southeast of Siverek. **elevation:** 450m. Wild. Seed.
- PI 554506 **donor id:** M90-536. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK135-010. **locality:** 1 km west of Urfa-Diyarbakir road junction. **elevation:** 500m. Wild. Seed.

PI 554476 to 554577-continued

- PI 554507 **donor id:** M90-537. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK135-011. **locality:** 1 km west of Urfa-Diyarbakir road junction. **elevation:** 500m. Wild. Seed.
- PI 554508 **donor id:** M90-539. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK136-015. **locality:** 5 km northwest of Urfa-Diyarbakir road junction. **elevation:** 500m. Wild. Seed.
- PI 554509 **donor id:** M90-538. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK136-016. **locality:** 5 km northwest of Urfa-Diyarbakir road junction. **elevation:** 500m. Wild. Seed.
- PI 554510 **donor id:** M90-540. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK136-018. **locality:** 5 km northwest of Urfa-Diyarbakir road junction. **elevation:** 500m. Wild. Seed.
- PI 554511 **donor id:** M90-605. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK141-029. **locality:** 31 km southwest of Golbasi. **elevation:** 750m. Wild. Seed.
- PI 554512 **donor id:** M90-541. **origin:** Turkey. **collected:** June 21, 1984. **collector id:** 84TK141-030. **locality:** 31 km southwest of golbasi. **elevation:** 750m. Wild. Seed.
- PI 554513 **donor id:** H86-414. **origin:** USSR. **collector id:** 84TK154-028.00. **other id:** 137. Wild. Seed.
- PI 554514 **donor id:** H86-415. **origin:** USSR. **collector id:** 84TK154-029. **other id:** 139. Wild. Seed.
- PI 554515 **donor id:** H86-418. **origin:** USSR. **collector id:** 84TK154-031.00. **other id:** 143. Wild. Seed.
- PI 554516 **donor id:** H86-419. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-032.00. **locality:** Aegean Agric. Research Institute, Menemen. **remarks:** White glumes. Wild. Seed.
- PI 554517 **donor id:** H86-420. **origin:** USSR. **collector id:** 84TK154-033.00. **other id:** 158. Wild. Seed.
- PI 554518 **donor id:** H86-422. **origin:** USSR. **collector id:** 84TK154-035. **other id:** 168. Wild. Seed.
- PI 554519 **donor id:** H86-429. **origin:** USSR. **collector id:** 84TK154-047.01. **other id:** 150. Wild. Seed.

PI 554476 to 554577-continued

- PI 554520 **donor id:** H86-430. **origin:** USSR. **collector id:** 84TK154-047.02. **other id:** 150. Wild. Seed.
- PI 554521 **donor id:** M90-606. **origin:** Turkey. **collected:** July 05, 1984. **collector id:** 84TK201-002. **locality:** 0.5 km east of Aliaga; east edge of village. **elevation:** 60m. Wild. Seed.
- PI 554522 **donor id:** M90-542. **origin:** Turkey. **collected:** July 05, 1984. **collector id:** 84TK201-011. **locality:** 0.5 km east of Aliaga; east edge of village. **elevation:** 60m. Wild. Seed.
- PI 554523 **donor id:** M90-543. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK213-007. **locality:** 7 km northeast of Canakkale on route to Lapseki. **elevation:** 80m. Wild. Seed.
- PI 554524 **donor id:** H85-1275. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK235-001. **locality:** 8 km east of Mudanya. **elevation:** 70m. Wild. Seed.
- PI 554525 **donor id:** M90-544. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK245-001. **locality:** 11 km north of Yenisehir. **elevation:** 370m. Wild. Seed.
- PI 554526 **donor id:** M90-546. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK251-004. **locality:** 7 km northwest of Eskisehir. Wild. Seed.
- PI 554527 **donor id:** M90-547. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK253-002. **locality:** 15 km southeast of Bozuyuk. **elevation:** 750m. Wild. Seed.
- PI 554528 **donor id:** M90-548. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK256-011. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. Wild. Seed.
- PI 554529 **donor id:** M90-549. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK257-007. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya road junction. **elevation:** 500m. Wild. Seed.
- PI 554530 **donor id:** H90-23. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK273-004. **locality:** 4 km northeast of Kandira. **elevation:** 50m. Wild. Seed.
- PI 554531 **donor id:** M90-551. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK299-011. **locality:** 8 km east of Cerkes. **elevation:** 1000m. Wild. Seed.

PI 554476 to 554577-continued

- PI 554532 donor id: H85-1282. origin: Turkey. collected: July 1984. collector id: 84TK327-005. locality: 19 km south of Cankiri. elevation: 710m. Wild. Seed.
- PI 554533 donor id: M90-553. origin: Turkey. collected: July 1984. collector id: 84TK329-006. locality: 12 km northeast of Ankara city limit sign. elevation: 900m. Wild. Seed.
- PI 554534 donor id: M90-554. origin: Turkey. collected: July 1984. collector id: 84TK330-007. locality: 5 km east of Ankara city limit sign. elevation: 575m. Wild. Seed.
- PI 554535 donor id: M90-555. origin: Turkey. collected: July 1984. collector id: 84TK330-008. locality: 5 km east of Ankara city limit sign. elevation: 575m. Wild. Seed.
- PI 554536 donor id: M90-557. origin: Turkey. collected: July 1984. collector id: 84TK333-001. locality: 40 km southwest of Ankara; 3.5 km north of Haymana station along Haymana road. elevation: 1100m. Wild. Seed.
- PI 554537 donor id: M90-558. origin: Turkey. collected: July 1984. collector id: 84TK333-003. locality: 40 km southwest of Ankara; 3.5 km north of Haymana station along Haymana road. elevation: 1100m. Wild. Seed.
- PI 554538 donor id: M90-559. origin: Turkey. collected: July 1984. collector id: 84TK334-001. locality: 8.5 km north of Haymana station. elevation: 1100m. Wild. Seed.
- PI 554539 donor id: M90-560. origin: Turkey. collected: July 1984. collector id: 84TK334-009. locality: 8.5 km north of Haymana station. Wild. Seed.
- PI 554540 donor id: M90-561. origin: Turkey. collected: July 1984. collector id: 84TK335-001. locality: 31 km south of Ankara; 12.5 km north of Haymana station along Haymana road. elevation: 1100m. Wild. Seed.
- PI 554541 donor id: M90-608. origin: Turkey. collected: July 1984. collector id: 84TK336-006. locality: 9 km south of Golbasi. elevation: 900m. Wild. Seed.
- PI 554542 donor id: M90-562. origin: Turkey. collected: July 1984. collector id: 84TK337-003. locality: 25 km south of Golbasi. elevation: 820m. Wild. Seed.
- PI 554543 donor id: M90-563. origin: Turkey. collected: July 1984. collector id: 84TK347-002. locality: 32 km west of Konya. elevation: 1450m. Wild. Seed.

PI 554476 to 554577-continued

- PI 554544 donor id: M90-564. origin: Turkey. collected: July 1984. collector id: 84TK349-002. locality: 27 km northeast of Beysehir. elevation: 1250m. Wild. Seed.
- PI 554545 donor id: M90-565. origin: Turkey. collected: July 1984. collector id: 84TK350-003. locality: 6 km southwest of Beysehir. elevation: 1150m. Wild. Seed.
- PI 554546 donor id: M90-566. origin: Turkey. collected: July 1984. collector id: 84TK351-005. locality: 5 km north of Beysehir. elevation: 1125m. Wild. Seed.
- PI 554547 donor id: M90-567. origin: Turkey. collected: July 1984. collector id: 84TK351-006.01. locality: 5 km north of Beysehir. elevation: 1125m. Wild. Seed.
- PI 554548 donor id: M90-570. origin: Turkey. collected: July 1984. collector id: 84TK351-006.02. locality: 5 km north of Beysehir. elevation: 1125m. Wild. Seed.
- PI 554549 donor id: M90-568. origin: Turkey. collected: July 1984. collector id: 84TK351-007.01. locality: 5 km north of Beysehir. elevation: 1125m. Wild. Seed.
- PI 554550 donor id: M90-569. origin: Turkey. collected: July 1984. collector id: 84TK351-007.02. locality: 5 km north of Beysehir. elevation: 1125m. Wild. Seed.
- PI 554551 donor id: M90-571. origin: Turkey. collected: July 1984. collector id: 84TK352-004.01. locality: 18 km north of Beysehir. elevation: 1120m. Wild. Seed.
- PI 554552 donor id: M90-571. origin: Turkey. collected: July 1984. collector id: 84TK352-004.02. locality: 18 km north of Beysehir. elevation: 1120m. remarks: Black glume. Wild. Seed.
- PI 554553 donor id: M90-609. origin: Turkey. collected: July 1984. collector id: 84TK353-005. locality: 36 km northeast of Beysehir; 19 km southwest of Sarkikaraagac. elevation: 1175m. Wild. Seed.
- PI 554554 donor id: H85-1289. origin: Turkey. collected: July 1984. collector id: 84TK354-003. locality: 1 km northwest of Sarkikaraagac. elevation: 1150m. Wild. Seed.
- PI 554555 donor id: M90-572. origin: Turkey. collected: July 1984. collector id: 84TK354-003. locality: 1 km northwest of Sarkikaraagac. elevation: 1150m. Wild. Seed.

PI 554476 to 554577-continued

- PI 554556 donor id: M90-573. origin: Turkey. collected: July 1984. collector id: 84TK358-002. locality: 1.5 km northwest of Egridir. elevation: 850m. Wild. Seed.
- PI 554557 donor id: M90-575. origin: Turkey. collected: July 1984. collector id: 84TK366-001. locality: 11 km northeast of Yesilova. elevation: 1310m. Wild. Seed.
- PI 554558 donor id: M90-574. origin: Turkey. collected: July 1984. collector id: 84TK366-005. locality: 11 km northeast of Yesilova. elevation: 1310m. Wild. Seed.
- PI 554559 donor id: M90-576. origin: Turkey. collected: July 1984. collector id: 84TK366-006. locality: 11 km northeast of Yesilova. elevation: 1310m. Wild. Seed.
- PI 554560 donor id: M90-577. origin: Turkey. collected: July 1984. collector id: 84TK368-004. locality: 32 km south of Denizli, junction to Tavas. elevation: 1230m. Wild. Seed.
- PI 554561 donor id: M90-578. origin: Turkey. collected: August 1984. collector id: 84TK406-001. locality: 10 km southeast of Ankara-Kirsehir province border. elevation: 825m. Wild. Seed.
- PI 554562 donor id: M90-579. origin: Turkey. collected: August 1984. collector id: 84TK409-001. locality: 12 km northwest of Kirsehir. elevation: 1000m. Wild. Seed.
- PI 554563 donor id: M90-580. origin: Turkey. collected: August 1984. collector id: 84TK413-001. locality: 17 km southeast of Mucur. elevation: 1100m. Wild. Seed.
- PI 554564 donor id: M90-581. origin: Turkey. collected: August 1984. collector id: 84TK416-001. locality: 6 km south of Hacibektas. elevation: 1275m. Wild. Seed.
- PI 554565 donor id: M90-582. origin: Turkey. collected: August 1984. collector id: 84TK425-004. locality: 12 km west of Bunya. elevation: 1225m. Wild. Seed.
- PI 554566 donor id: M90-585. origin: Turkey. collected: August 1984. collector id: 84TK426-005.01. locality: 6 km northeast of Pinarbasi. elevation: 1510m. Wild. Seed.
- PI 554567 donor id: M90-583. origin: Turkey. collected: August 1984. collector id: 84TK433-001. locality: 16 km south of Balaban. elevation: 1900m. Wild. Seed.

PI 554476 to 554577-continued

- PI 554568 donor id: M90-584. origin: Turkey. collected: August 1984. collector id: 84TK434-004. locality: 8 km east of Kurecik. elevation: 1700m. Wild. Seed.
- PI 554569 donor id: H86-449-1. origin: Turkey. collected: August 1984. collector id: 84TK438-003.00. locality: 27 km north of Malatya. elevation: 675m. Wild. Seed.
- PI 554570 donor id: H86-450. origin: Turkey. collected: August 1984. collector id: 84TK439-002.00. locality: 28 km north of Malatya. elevation: 650m. Wild. Seed.
- PI 554571 donor id: M90-587. origin: Turkey. collected: August 1984. collector id: 84TK443-007. locality: 1 km east of Arapkir-Elazig-Malatya jct. toward Elazig. elevation: 1000m. Wild. Seed.
- PI 554572 donor id: M90-586. origin: Turkey. collected: August 1984. collector id: 84TK446-004. locality: 32 km east of Kaban. elevation: 925m. Wild. Seed.
- PI 554573 donor id: M90-588. origin: Turkey. collected: August 1984. collector id: 84TK458-001. locality: 5 km east of Tunceli-Bingol junction. elevation: 900m. Wild. Seed.
- PI 554574 donor id: M90-590. origin: Turkey. collected: August 1984. collector id: 84TK460-003. locality: 11 km west of Elazig-Bingol province border. elevation: 1410m. Wild. Seed.
- PI 554575 donor id: M90-591. origin: Turkey. collected: August 1984. collector id: 84TK503-001. locality: 6 km southeast of Van. elevation: 1990m. Wild. Seed.
- PI 554576 donor id: H86-456. origin: Turkey. collected: August 1984. collector id: 84TK504-006.01. locality: 15 km southeast of Van. elevation: 2100m. Wild. Seed.
- PI 554577 donor id: H86-463. origin: Turkey. collected: August 1984. collector id: 84TK566-005.00. locality: 21 km southwest of Semdinli. elevation: 1125m. Wild. Seed.

PI 554578 to 554579. *Triticum compactum* Host POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554578 to 554579-continued

PI 554578 donor id: M83-3137. origin: Turkey. collected: August 1979. collector id: 79TK110-602-hd22. locality: 33 km north of Erzurum. elevation: 2010m. remarks: Bunt (Tilletia sp.) resistant. Cultivated. Seed.

PI 554579 donor id: M82-3567. origin: Turkey. collected: August 1979. collector id: 79TK130-684-hd15. locality: 13 km east of Imranli. elevation: 1730m. remarks: Bunt (Tilletia sp.) resistant. Cultivated. Seed.

PI 554580 to 554584. *Triticum dicoccoides* (Korn. ex Aschers. & Graebn.) Aarons. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554580 donor id: M90-503. origin: Turkey. collected: June 1984. collector id: 84TK089-017. locality: Junction of Mt. Karacadag road and Diyarbakir highway. elevation: 1220m. remarks: Very susceptible to stripe rust. Wild. Seed.

PI 554581 donor id: M89-25. origin: Turkey. collected: June 18, 1984. collector id: 84TK109-079. locality: 25 km southwest of Diyarbakir. elevation: 1000m. Wild. Seed.

PI 554582 donor id: M90-515. origin: Turkey. collected: June 18, 1984. collector id: 84TK110-087. locality: Junction of Karacadag Mt. road and highway. elevation: 775m. remarks: Very susceptible to stripe rust. Wild. Seed.

PI 554583 donor id: M90-533. origin: Turkey. collected: June 21, 1984. collector id: 84TK132-001. locality: 3 km southeast of Junction of Karacadag Mt. road and Diyarbakir highway. elevation: 1350m. remarks: Very susceptible to stripe rust. Wild. Seed.

PI 554584 donor id: H86-432. origin: Turkey. collected: June 27, 1984. collector id: 84TK154-049.00. locality: Aegean Agric. Research Institute, Menemen. remarks: Restorer for *Triticum timopheevi*-type male sterility. Wild. Seed.

PI 554585 to 554594. *Triticum durum* Desf. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554585 to 554594-continued

- PI 554585 **donor id:** M83-3180. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK124-695. **locality:** Tercan. **elevation:** 1420m. **remarks:** Bunt (*Tilletia* sp.) resistant. Landrace. Seed.
- PI 554586 **donor id:** M84-3702-3714. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK125-1107-hd65-77. **locality:** Province Centre. **elevation:** 1200m. **remarks:** Bunt (*Tilletia* sp.) resistant. Landrace. Seed.
- PI 554587 **donor id:** M85-75. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-705-hd3. **locality:** Province Centre. **elevation:** 1300m. **remarks:** Bunt (*Tilletia* sp.) resistant. Landrace. Seed.
- PI 554588 **donor id:** M84-3355. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK131-708. **locality:** Province Centre. **elevation:** 1300m. **remarks:** Bunt (*Tilletia* sp.) resistant. Landrace. Seed.
- PI 554589 **donor id:** M89-449-499. **origin:** Turkey. **collected:** June 1984. **collector id:** 84TK061-162.07. **locality:** 5 km from Syrian border (Reyhanli), east of Yenisehir. **elevation:** 110m. Landrace. Seed.
- PI 554590 **donor id:** M90-617. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK223-001. **locality:** 18 km southeast of Balya. **elevation:** 200m. Landrace. Seed.
- PI 554591 **donor id:** M90-618. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK250-003. **locality:** Eskisehir Agric. Research Institute; research material. **elevation:** 785m. Landrace. Seed.
- PI 554592 **donor id:** H86-436. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK349-007.01. **locality:** 27 km northeast of Beysehir. **elevation:** 1250m. Landrace. Seed.
- PI 554593 **donor id:** M90-620. **origin:** Turkey. **collected:** July 1984. **collector id:** 84TK349-008. **locality:** 27 km northeast of Beysehir. **elevation:** 1250m. Landrace. Seed.
- PI 554594 **donor id:** H86-439. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK409-005.01-1. **locality:** 12 km northwest of Kirsehir. **elevation:** 1000m. Landrace. Seed.

PI 554595 to 554596. *Triticum monococcum* L. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554595 **donor id:** H80-150. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK098-512. **locality:** 12 km southwest of Arpacay. **elevation:** 1590m. Wild. Seed.

PI 554596 **donor id:** H86-421. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-034. **locality:** Aegean Agric. Research Institute, Menemen. Wild. Seed.

PI 554597 to 554600. *Triticum urartu* Thumanian ex Gandilyan POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554597 **donor id:** M90-603. **origin:** Turkey. **collected:** June 18, 1984. **collector id:** 84TK114-101. **locality:** 3 km north of Hilvan. **elevation:** 600m. Wild. Seed.

PI 554598 **donor id:** M90-528. **origin:** Turkey. **collected:** June 19, 1984. **collector id:** 84TK125-021.02. **locality:** 20 km west of Viransehir. **elevation:** 550m. Wild. Seed.

PI 554599 **donor id:** H86-417. **origin:** Turkey. **collected:** June 27, 1984. **collector id:** 84TK154-030.00. **locality:** Aegean Agric. Research Institute, Menemen. Wild. Seed.

PI 554600 **donor id:** M89-24. **origin:** Turkey. **collected:** August 1984. **collector id:** 84TK440-002. **locality:** 33 km north of Malatya. **elevation:** 680m. Wild. Seed.

PI 554601. *Capsicum annuum* L. SOLANACEAE Pepper

Donated by: Petoseed Co., Inc., United States. Received August 02, 1991.

origin: United States. **origin institute:** Petoseed Co., Inc.. **cultivar:** SONORA ANAHEIM. **other id:** PVP 9100206. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554602. *Phaseolus vulgaris* L. FABACEAE Dry bean

Donated by: University of Idaho, United States. Received August 02, 1991.

PI 554602-continued

origin: United States. **historical origin:** United States.
origin institute: University of Idaho, Idaho. **cultivar:**
UI 537. **other id:** PVP 9100207. **source:** Pending. **group:**
PVPO. Cultivar. Seed.

PI 554603. Brassica oleracea L. BRASSICACEAE Cauliflower

Donated by: Rogers NK Seed Co., United States. Received August 02,
1991.

origin: United States. **origin institute:** Rogers NK Seed
Co.. **cultivar:** NV 1550. **other id:** PVP 9100208. **source:**
Pending. **group:** PVPO. Cultivar. Seed.

PI 554604. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: DeKalb Plant Genetics, United States. Received August
02, 1991.

origin: United States. **origin institute:** DeKalb Plant
Genetics. **cultivar:** CX 267. **other id:** PVP 9100209.
source: Pending. **group:** PVPO. Cultivar. Seed.

PI 554605. Medicago sativa L. FABACEAE Alfalfa

Donated by: S and W Seed Co., United States. Received August 02,
1991.

origin: United States. **origin institute:** S and W Seed
Co.. **cultivar:** SW 14. **other id:** PVP 9100210. **source:**
Pending. **group:** PVPO. Cultivar. Seed.

PI 554606. Triticum aestivum L. POACEAE Common wheat

Donated by: Texas Agr. Exp. Sta., Texas, United States. Received
August 02, 1991.

origin: United States. **historical origin:** United States.
origin institute: Texas Agr. Exp. Sta., Texas. **cultivar:**
TAM 109. **other id:** PVP 9100211. **source:** Pending.
group: PVPO. Cultivar. Seed.

PI 554607. Phaseolus vulgaris L. FABACEAE Garden bean

Donated by: Nunhems Seed Corporation, United States. Received
August 02, 1991.

PI 554607-continued

origin: United States. **origin institute:** Nunhems Seed Corporation. **cultivar:** MODUS. **other id:** PVP 9100213. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554608. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: Pure-Seed Testing, Inc., United States. Received August 02, 1991.

origin: United States. **origin institute:** Pure-Seed Testing, Inc.. **cultivar:** QUICKSTART. **other id:** PVP 9100214. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554609. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: Jacklin Seed Co., United States. Received August 02, 1991.

origin: United States. **origin institute:** Jacklin Seed Co.. **cultivar:** ADVENT. **other id:** PVP 9100215. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554610. *Lolium multiflorum* Lam. POACEAE Annual ryegrass

Donated by: Snow Brand Seed Co., Japan. Received August 02, 1991.

origin: Japan. **origin institute:** Snow Brand Seed Co.. **cultivar:** TACHIWASE. **other id:** PVP 9100216. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554611. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Plant Breeders 1 Inc., United States. Received August 02, 1991.

origin: United States. **origin institute:** Plant Breeders 1 Inc.. **cultivar:** PBl-85-WW-1. **other id:** PVP 9100217. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554612. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Holden's Foundation Seeds, Inc., United States. Received August 02, 1991.

PI 554612-continued

origin: United States. **origin institute:** Holden's Foundation Seeds, Inc.. **cultivar:** LH209. **other id:** PVP 9100218. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554613. *Allium cepa* L. LILIACEAE Onion

Donated by: New Mexico Agr. Exp. Sta., New Mexico, United States. Received August 02, 1991.

origin: United States. **historical origin:** United States. **origin institute:** New Mexico Agr. Exp. Sta., New Mexico. **cultivar:** NUMEX STARLITE. **other id:** PVP 9100219. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554614. *Cynara scolymus* L. ASTERACEAE Globe artichoke

Donated by: Tom G. Karupas Farming, United States. Received August 02, 1991.

origin: United States. **origin institute:** Tom G. Karupas Farming. **cultivar:** EMERALD. **other id:** PVP 9100220. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554615. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: DeKalb Plant Genetics, United States. Received August 02, 1991.

origin: United States. **origin institute:** DeKalb Plant Genetics. **cultivar:** MM402A. **other id:** PVP 9100222. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554616. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: DeKalb Plant Genetics, United States. Received August 02, 1991.

origin: United States. **origin institute:** DeKalb Plant Genetics. **cultivar:** 3IBZ2. **other id:** PVP 9100223. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554617. *Vetiveria zizanioides* (L.) Nash POACEAE

Donated by: Sharp, W.C., Ecological Sciences Division, Soil Conservation Service, USDA, P.O. Box 2890, Washington, D.C., United States. **remarks:** Received through NBPGR, IARI Campus, New Delhi, India. Received May 07, 1990.

donor id: VG-5. **origin:** India. **origin institute:** Central Soil & Water Cons. Res & Trn Ctr, Derka Dun. **collected:** May 1, 1990. **collector id:** VG-5. **other id:** BE-2920. **other id:** IC-111478. **locality:** Grass evaluation plots. From local native stand. **remarks:** Under evaluation in a grass hedge experiment. Perennial. Wild. Plant.

PI 554618. *Chrysopogon fulvus* (Sprengel) Chiov. POACEAE

Donated by: Sharp, W.C., Ecological Sciences Division, Soil Conservation Service, USDA, P.O. Box 2890, Washington, D.C., United States. **remarks:** Received through NBPGR, IARI Campus, New Delhi, India. Received May 07, 1990.

donor id: M-3. **origin:** India. **origin institute:** Central Soil & Water Cons. Res & Trn Ctr, Derka Dun. **collected:** May 1, 1990. **collector id:** M-3. **other id:** BE-2920. **other id:** IC 11477. **locality:** Grass evaluation plots. From local native stand. **remarks:** Under evaluation in a grass hedge experiment. Perennial. Wild. Plant.

PI 554619 to 554642. *Abelmoschus esculentus* (L.) Moench MALVACEAE
Okra

Donated by: Hamon, S., Laboratoire de Genetique, Centre, d'Adiopodoume, ORSTOM, Abidjan, Ivory Coast. **remarks:** Received through IBPGR, Rome, Italy. Received June 28, 1989.

PI 554619 **donor id:** ORS 2925. **origin:** Nepal. **locality:** Gande.P. Seed.

PI 554620 **donor id:** ORS 2928. **origin:** Nepal. **locality:** Mirchiya. Seed.

PI 554621 **donor id:** ORS 2932. **origin:** Egypt. **locality:** Gragose, Qena Province. **latitude:** 25 deg. 30 min. N. **longitude:** 032 deg. 30 min. E. Seed.

PI 554622 **donor id:** ORS 2965. **origin:** Nigeria. **collector id:** TB82. Seed.

PI 554623 **donor id:** ORS 2977. **origin:** Nigeria. Seed.

PI 554619 to 554642-continued

- PI 554624 donor id: ORS 2978. origin: Nigeria. collector id: TB84. Seed.
- PI 554625 donor id: ORS 3017. origin: Nigeria. collector id: TB84. locality: Abeokuta Ogun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554626 donor id: OTD 3018. origin: Nigeria. collector id: TB84. locality: Abeokuta Ogun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554627 donor id: ORS 3019. origin: Nigeria. collector id: TB84. locality: Abeokuta Ogun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554628 donor id: ORS 3023. origin: Nigeria. collector id: TB84. locality: Abeokuta Okun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554629 donor id: ORS 3024. origin: Nigeria. collector id: TB84. locality: Abeokuta Okun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554630 donor id: ORS 3026. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 15 min. E. Seed.
- PI 554631 donor id: ORS 3027. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.
- PI 554632 donor id: ORS 3028. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.
- PI 554633 donor id: ORS 3029. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.
- PI 554634 donor id: ORS 3030. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.
- PI 554635 donor id: ORS 3031. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.
- PI 554636 donor id: ORS 3033. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.

PI 554619 to 554642-continued

- PI 554637 donor id: ORS 3038. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.
- PI 554638 donor id: ORS 3041. origin: Nigeria. collector id: TB84. locality: Ibadan, Oyo Province. latitude: 07 deg. 22 min. N. longitude: 003 deg. 51 min. E. Seed.
- PI 554639 donor id: ORS 3044. origin: Nigeria. locality: Abeokuta, Okun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554640 donor id: ORS 3045. origin: Nigeria. locality: Abeokuta, Okun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554641 donor id: ORS 3046. origin: Nigeria. locality: Abeokuta, Okun Province. latitude: 07 deg. 10 min. N. longitude: 003 deg. 21 min. E. Seed.
- PI 554642 donor id: ORS 3055. origin: Congo. Seed.

PI 554643. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Texas Agr. Exp. Sta., Texas, United States. Received August 19, 1991.

origin: United States. origin institute: Texas Agr. Exp. Sta., Texas. cultivar: TAMCOT 2111. other id: PVP 9100221. source: Pending. group: PVPO. Cultivar. Seed.

PI 554644. *Brassica napus* L. BRASSICACEAE Rape

Donated by: Ameri-Can Pedigreed Seed Company, United States. Received August 19, 1991.

origin: United States. origin institute: Ameri-Can Pedigreed Seed Company. cultivar: IRIS. other id: PVP 9100224. source: Pending. group: PVPO. Cultivar. Seed.

PI 554645. *Brassica napus* L. BRASSICACEAE Rape

Donated by: Ameri-Can Pedigreed Seed Company, United States. Received August 19, 1991.

PI 554645-continued

origin: United States. **origin institute:** Ameri-Can Pedigreed Seed Company. **cultivar:** OLYMP. **other id:** PVP 9100225. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554646. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PH 288. **other id:** PVP 9100227. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554647. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PH 355. **other id:** PVP 9100228. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554648. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PH 356. **other id:** PVP 9100229. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554649. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PH 410. **other id:** PVP 9100230. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554650. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PH 449. **other id:** PVP 9100231. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554651. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PHA429. **other id:** PVP 9100234. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554652. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PHB429. **other id:** PVP 9100235. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554653. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PHA432. **other id:** PVP 9100236. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554654. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received August 19, 1991.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc.. **cultivar:** PHB432. **other id:** PVP 9100237. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554655. *Triticum aestivum* L. POACEAE Wheat

Donated by: Bredemeyer Brothers, United States. Received August 19, 1991.

origin: United States. **origin institute:** Bredemeyer Brothers. **cultivar:** WINTEX. **other id:** PVP 9100238. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554656. *Lactuca sativa* L. ASTERACEAE Lettuce

Donated by: Central Valley Seeds, Incorporated, United States. Received August 19, 1991.

origin: United States. **origin institute:** Central Valley Seeds, Incorporated. **cultivar:** ARAGON RED. **other id:** PVP 9100239. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554657. *Capsicum annuum* L. SOLANACEAE Pepper

Donated by: Del Monte Corporation, United States. Received August 19, 1991.

origin: United States. **origin institute:** Del Monte Corporation. **cultivar:** DMC 56-02. **other id:** PVP 9100240. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554658. *Triticum spelta* L. POACEAE Spelt

Donated by: Ohio State Univ. Research Foundation, United States. Received August 19, 1991.

origin: United States. **origin institute:** Ohio State Univ. Research Foundation. **cultivar:** GR 900. **other id:** PVP 9100241. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554659. *Lolium multiflorum* Lam. POACEAE Annual ryegrass

Donated by: Snow Brand Seed Company, Ltd., Japan. Received August 19, 1991.

origin: Japan. **origin institute:** Snow Brand Seed Company, Ltd.. **cultivar:** SI-5. **other id:** PVP 9100242. **source:** Pending. **group:** PVPO. Cultivar. Seed.

PI 554660. *Lactuca sativa* L. ASTERACEAE Lettuce

Donated by: Genecorp, Inc., United States. Received August 19, 1991.

origin: United States. **origin institute:** Genecorp, Inc..
cultivar: MARVEL. **other id:** PVP 9100243. **source:**
Pending. **group:** PVPO. Cultivar. Seed.

PI 554661. *Vaccinium acrobracteatum* Schumann ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: United Kingdom. Perennial. Cultivated. Plant.

PI 554662. *Vaccinium angustifolium* Aiton ERICACEAE Lowbush Blueberry

Donated by: Chandler, Jim, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received January 30, 1982.

origin: United States. **historical origin:** United States.
origin institute: NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot collected wild in Maine. **local name:** Lowbush Blueberry. **latitude:** 45 deg. 20 min. N. **longitude:** 69 deg. W. **remarks:** Wild low bush blueberry. Perennial. Breeding Material. Plant.

PI 554663. *Vaccinium angustifolium* Aiton ERICACEAE Lowbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

origin: United States. **pedigree:** Collected from the wild in Maine. **local name:** Lowbush Blueberry. **collected:** 1965. **locality:** Washington County. **latitude:** 44 deg. 40 min. N. **longitude:** 67 deg. 50 min. W. **remarks:** Seed population sample. Perennial. Wild. Seed.

PI 554664 to 554666. *Vaccinium angustifolium* Aiton ERICACEAE Lowbush Blueberry

Donated by: Brydon, Avarid C., Agriculture Canada, Research Station, Kentville, Nova Scotia, Canada. Received May 02, 1983.

PI 554664 **origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia. **cultivar:** Blomidon. Perennial. Cultivar. Plant.

PI 554664 to 554666-continued

PI 554665 **origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia. **cultivar:** Brunswick. **pedigree:** Selection from native lowbush type. Perennial. Cultivar. Plant.

PI 554666 **origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia. **cultivar:** Augusta. **pedigree:** Selection from OP seed of clone 3302. Perennial. Cultivar. Plant.

PI 554667. *Vaccinium angustifolium* Aiton ERICACEAE Lowbush Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 02, 1984.

origin: Poland. **pedigree:** Collected from the wild in Poland. **collected:** July 28, 1984. **locality:** Szczecinek, in young forest among deciduous trees. **latitude:** 53 deg. 43 min. N. **longitude:** 16 deg. 41 min. E. **elevation:** 100m. **remarks:** Small upright deciduous shrub 20 cm fruiting light. Perennial. Wild. Seed.

PI 554668 to 554669. *Vaccinium angustifolium* Aiton ERICACEAE Lowbush Blueberry

Donated by: Widrlechner, Mark, USDA/ARS/Plant Intro. Station, Iowa State University, Ames, Iowa, United States. Received July 02, 1987.

PI 554668 **origin:** United States. **pedigree:** Collected from the wild in Indiana. **local name:** Lowbush Blueberry. **collected:** June 21, 1987. **locality:** Indiana Dunes State Park. **latitude:** 41 deg. 50 min. N. **longitude:** 87 deg. W. **elevation:** 186m. Perennial. Wild. Seed.

PI 554669 **origin:** United States. **pedigree:** Collected from the wild in Indiana. **local name:** Lowbush Blueberry. **collected:** June 21, 1987. **locality:** Indiana Dunes State Park. **latitude:** 41 deg. 50 min. N. **longitude:** 87 deg. W. **elevation:** 186m. Perennial. Wild. Seed.

PI 554670 to 554673. *Vaccinium angustifolium* Aiton ERICACEAE Lowbush Blueberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1990.

PI 554670 to 554673-continued

- PI 554670 **origin:** United States. **pedigree:** Collected from the wild in Maine. **local name:** Lowbush Blueberry. **collected:** September 1990. **locality:** Jonesboro, Research Farm of U. of Maine, open field. **latitude:** 44 deg. 30 min. N. **longitude:** 68 deg. 08 min. W. **elevation:** 200m. **remarks:** Natural to location. Foliage vividly red - more so than adjacent clones. Perennial. Wild. Plant.
- PI 554671 **origin:** United States. **pedigree:** Collected from the wild in Maine. **collected:** September 1990. **locality:** Jonesboro, Research Farm of U. of Maine, open field. **latitude:** 44 deg. 30 min. N. **longitude:** 68 deg. 08 min. W. **elevation:** 200m. **remarks:** Natural to location. This clone had green leaves, slower to turn red than 90-04 (CVAC 799). Perennial. Wild. Plant.
- PI 554672 **origin:** Canada. **historical origin:** Canada. **origin institute:** Agriculture Canada, Regional Research Station, Kentville, Nova Scotia. **cultivar:** NB-03. **pedigree:** Selected from Canadian lowbush blueberry. **collected:** September 1990. **locality:** Upper Tower Hill, Charlotte County, NB. **remarks:** Variable yielder, good pollen, mid late bloom. Perennial. Breeding Material. Plant.
- PI 554673 **origin:** United States. **historical origin:** Canada. **origin institute:** Agriculture Canada, Regional Research Station, Kentville, Nova Scotia. **cultivar:** ME-3. **pedigree:** Selected from Maine lowbush blueberry. **collected:** September 1990. **remarks:** Very good yielder, blooms midseason, fair-good pollen. Perennial. Breeding Material. Plant.
- PI 554674. *Vaccinium angustifolium* Aiton ERICACEAE Lowbush Blueberry
Donated by: Ehrlenbach, Fred, Elsworth, Maine, United States.
Received December 06, 1990.
origin: United States. **pedigree:** Collected from the wild in Maine. **local name:** Lowbush Blueberry. **collected:** December 02, 1990. **locality:** 1 mi west of Trenton, ME off Hiway 230 overlooking Union Bay. **latitude:** 44 deg. 30 min. N. **longitude:** 68 deg. 30 min. W. **elevation:** 30m. Perennial. Wild. Plant.
- PI 554675. *Vaccinium arboreum* Marsh. ERICACEAE
Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received May 24, 1982.

PI 554675-continued

origin: United States. **pedigree:** Collected from the wild in Mississippi. **local name:** Farkleberry, Sparkleberry. **locality:** Pike County. **latitude:** 29 deg. N. **longitude:** 90 deg. W. **Perennial.** Wild. Seed.

PI 554676. *Vaccinium arboreum* Marsh. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

origin: United States. **pedigree:** Collected from the wild in North Carolina. **local name:** Farkleberry, Sparkleberry. **collected:** January 01, 1963. **locality:** Nash County. **latitude:** 36 deg. 00 min. N. **longitude:** 78 deg. 00 min. W. **Perennial.** Wild. Seed.

PI 554677. *Vaccinium arboreum* Marsh. ERICACEAE

Donated by: Fry, Bill, Environmental Plant Center, Meeker, Colorado, United States. Received April 07, 1983.

origin: United States. **pedigree:** Collected from the wild in Texas. **local name:** Farkleberry, Sparkleberry. **collected:** May 24, 1982. **latitude:** 31 deg. 40 min. N. **longitude:** 98 deg. 30 min. W. **elevation:** 200m. **Perennial.** Wild. Seed.

PI 554678 to 554679. *Vaccinium arboreum* Marsh. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 26, 1983.

PI 554678 **origin:** United States. **pedigree:** Collected from the wild in Texas. **local name:** Farkleberry, Sparkleberry. **collected:** October 14, 1983. **locality:** Zavalla, edge of open area in pine forest by small creek. **latitude:** 31 deg. 00 min. N. **longitude:** 94 deg. 05 min. W. **elevation:** 46m. **remarks:** Single shrub, much branched at top, leaves small, dark green. **Perennial.** Wild. Seed.

PI 554679 **origin:** United States. **pedigree:** Collected from the wild in Texas. **local name:** Farkleberry, Sparkleberry. **collected:** October 14, 1983. **locality:** Zavalla, edge of open area in pine forest along small creek. **latitude:** 31 deg. 00 min. N. **longitude:** 94 deg. 05 min. W. **elevation:** 70m. **remarks:** Several shrubs 3 to 8 ft, much branched at top, lvs sm, dk grn. **Perennial.** Wild. Seed.

PI 554680. *Vaccinium arboreum* Marsh. ERICACEAE

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received December 09, 1983.

origin: United States. **pedigree:** Seedling selection from seed collected wild. **local name:** Farkleberry, Sparkleberry. **collected:** December 01, 1983. Perennial. Cultivated. Plant.

PI 554681. *Vaccinium arboreum* Marsh. ERICACEAE

Donated by: Wallace, Gary, Campbell, Texas, United States. Received November 01, 1986.

origin: United States. **pedigree:** Collected from the wild in Texas. **local name:** Farkleberry, Sparkleberry. **collected:** October 30, 1986. **locality:** Sabine watershed, Quinlan. **latitude:** 33 deg. 00 min. N. **longitude:** 95 deg. 40 min. W. **elevation:** 160m. **remarks:** Shrub to 2 M, fruit black, about 0.5 cm diam., edible. Perennial. Wild. Seed.

PI 554682 to 554691. *Vaccinium arboreum* Marsh. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received January 26, 1987.

PI 554682 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 78-8. **pedigree:** Selected from the wild in South Carolina. **local name:** Farkleberry, Sparkleberry. **locality:** Lexington Co, open xeric woodland and old fields. **latitude:** 34 deg. 00 min. N. **longitude:** 81 deg. 00 min. W. **remarks:** Population segregates for blue fruit. Perennial. Breeding Material. Seed.

PI 554683 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-49. **pedigree:** Selected from the wild in North Carolina. **local name:** Farkleberry, Sparkleberry. **locality:** Nash Co. **latitude:** 36 deg. N. **longitude:** 78 deg. W. **remarks:** Expected 20% germination or less. Perennial. Breeding Material. Seed.

PI 554682 to 554691-continued

- PI 554684 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-50. **pedigree:** Selected from the wild in North Carolina. **local name:** Farkleberry, Sparkleberry. **locality:** Wayne Co. **latitude:** 35 deg. 30 min. N. **longitude:** 78 deg. W. **remarks:** Expected 20% germination or less. Perennial. Breeding Material. Seed.
- PI 554685 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-56-4. **pedigree:** Selected from the wild in Texas. **local name:** Farkleberry, Sparkleberry. **locality:** Montgomery Co. **latitude:** 30 deg. 15 min. N. **longitude:** 96 deg. W. **remarks:** Expected 20% germination or less. Perennial. Breeding Material. Seed.
- PI 554686 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-59. **pedigree:** Selected from the wild in Texas. **local name:** Farkleberry, Sparkleberry. **locality:** Bastrop State Park. **latitude:** 30 deg. N. **longitude:** 98 deg. W. **remarks:** Most western extension for this species. Perennial. Breeding Material. Seed.
- PI 554687 **origin:** United States. **pedigree:** Collected from the wild in Mississippi. **local name:** Farkleberry, Sparkleberry. **locality:** Poplarville. **latitude:** 30 deg. 45 min. N. **longitude:** 89 deg. 30 min. E. **remarks:** Expected 20% germination or less. Perennial. Wild. Seed.
- PI 554688 **origin:** United States. **pedigree:** Collected from the wild in Arkansas. **local name:** Farkleberry, Sparkleberry. **locality:** Clarksville. **latitude:** 35 deg. 30 min. N. **longitude:** 93 deg. 30 min. W. **remarks:** Expected 20% germination or less, segregation for blue fruit. Perennial. Wild. Seed.
- PI 554689 **origin:** United States. **pedigree:** Collected from the wild in Texas. **local name:** Farkleberry, Sparkleberry. **locality:** Longbrake, College Station, Texas. **latitude:** 30 deg. 20 min. N. **longitude:** 96 deg. 12 min. W. **remarks:** Expected 20% germination or less. Perennial. Wild. Seed.
- PI 554690 **origin:** United States. **pedigree:** Collected from the wild in Georgia. **local name:** Farkleberry, Sparkleberry. **locality:** Peach County. **latitude:** 32 deg. 30 min. N. **longitude:** 83 deg. 45 min. W. **remarks:** Expected 20% germination or less. Perennial. Wild. Seed.

PI 554682 to 554691-continued

PI 554691 **origin:** United States. **pedigree:** Collected from the wild in Florida. **local name:** Farkleberry, Sparkleberry. **locality:** Boulware Springs, Alachua County. **latitude:** 29 deg. 40 min. N. **longitude:** 82 deg. 30 min. W. **remarks:** Expected 20% germination or less. Perennial. Wild. Seed.

PI 554692. *Vaccinium arboreum* Marsh. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

origin: United States. **pedigree:** Collected from the wild in South Carolina. **local name:** Farkleberry, Sparkleberry. **latitude:** 31 deg. N. **longitude:** 81 deg. 20 min. W. **remarks:** Nonfeeding preference resistance to sharpnosed leafhopper. Perennial. Wild. Plant.

PI 554693. *Vaccinium ashei* Reade ERICACEAE Rabbiteye Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

origin: United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 79-70-1. **pedigree:** Selected from the wild in Georgia. **local name:** Rabbiteye blueberry, Rabbiteye Huckleberry. **collected:** August 15, 1979. **locality:** Chatham Co., dry sand ridge. **latitude:** 32 deg. 00 min. N. **longitude:** 81 deg. 00 min. W. **remarks:** Tall suckering plant, pubescent stems, non-glaucous leaves. Perennial. Breeding Material. Seed.

PI 554694 to 554710. *Vaccinium ashei* Reade ERICACEAE Rabbiteye Blueberry

Donated by: Austin, Max, Coastal Plain Experiment Station, Tifton, Georgia, United States. Received May 26, 1983.

PI 554694 **origin:** United States. **cultivar:** Satilla. **pedigree:** Selection from wild *V. ashei*. **other id:** Ethel. Perennial. Cultivar. Plant.

PI 554695 **origin:** United States. **historical origin:** United States. **cultivar:** Hagood. **pedigree:** Selected from wild *V. ashei* from Northwest Florida. Perennial. Cultivar. Plant.

- PI 554696 **origin:** United States. **origin institute:** Georgia State University and, USDA/ARS Crops Research Division, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Delite. **pedigree:** T-14 x T-15 (Georgia selections). **other id:** T-94. **remarks:** Adapted to Gulf Coast and Southeast USA No longer planted commercially. Perennial. Cultivar. Plant.
- PI 554697 **origin:** United States. **origin institute:** Georgia State University, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Bluebelle. **pedigree:** Callaway x Ethel. **other id:** T-14. **remarks:** Midseason, ripens over a relatively long period. Fruit large, round, light blue, excellent flavor. Perennial. Cultivar. Plant.
- PI 554698 **origin:** United States. **origin institute:** Georgia State University, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Tifblue. **pedigree:** Ethel x Clara. **other id:** T-9. **remarks:** Rabbiteye type, vigous, a standard variety, widely adapted Accounts for over 50% of acreage in rabbiteye blueberries. Perennial. Cultivar. Plant.
- PI 554699 **origin:** United States. **origin institute:** Georgia State University, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Callaway. **pedigree:** Myers x Black Giant. **remarks:** Rabbiteye type, being replaced by new varieties. Perennial. Cultivar. Plant.
- PI 554700 **origin:** United States. **origin institute:** Georgia State University, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Climax. **pedigree:** Callaway x Ethel. **other id:** T-90. **remarks:** Early ripening, concentrated ripening, good flavor Flowers earlier than Tifblue. Perennial. Cultivar. Plant.
- PI 554701 **origin:** United States. **origin institute:** Georgia State University and, USDA/ARS Crops Research Division, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Southland. **pedigree:** Garden Blue x Ethel. **other id:** T-20. **remarks:** Adapted to Gulf Coast and Southeast USA No longer planted commercially. Perennial. Cultivar. Plant.
- PI 554702 **origin:** United States. **origin institute:** Georgia State University and, USDA/ARS Crops Research Division, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Briteblue. **pedigree:** Ethel x Calloway. **other id:** T-71. **remarks:** Adapted to Gulf Coast and Southeastern United States Fruit large, bright blue, very firm, fair flavor. Perennial. Cultivar. Plant.

PI 554694 to 554710-continued

- PI 554703 **origin:** United States. **origin institute:** Georgia State University and, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Brightwell. **pedigree:** Tifblue x Menditoo. **other id:** T-99. **remarks:** Recommended as an alternative to Woodard, disease resistant Flowers later than Climax, leafhopper resistant. Perennial. Cultivar. Plant.
- PI 554704 **origin:** United States. **origin institute:** Georgia State University, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Woodard. **pedigree:** Ethel x Callaway. **other id:** T-1. **remarks:** No longer planted commercially, good for home use and pick-your-own. Perennial. Cultivar. Plant.
- PI 554705 **origin:** United States. **origin institute:** Georgia State University, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Coastal. **pedigree:** Myers x Black Giant. **other id:** 9-109. Perennial. Cultivar. Plant.
- PI 554706 **origin:** United States. **cultivar:** Ethel. **pedigree:** Selection from wild *V. ashei*. **other id:** Satilla. **remarks:** Rabbiteye type, not grown commercially, leafhopper resistant. Perennial. Cultivar. Plant.
- PI 554707 **origin:** United States. **cultivar:** Owen. Perennial. Cultivar. Plant.
- PI 554708 **origin:** United States. **historical origin:** United States. **cultivar:** Black Giant. **pedigree:** Selection from wild *V. ashei* from Northwest Florida. Perennial. Cultivar. Plant.
- PI 554709 **origin:** United States. **origin institute:** Georgia State University, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Homebell. **pedigree:** Myers x Black Giant. **other id:** 9-112. **remarks:** Rabbiteye type, very vigorous, easy to propagate. Perennial. Cultivar. Plant.
- PI 554710 **origin:** United States. **historical origin:** United States. **cultivar:** Myers. **pedigree:** Selection from wild *V. ashei* from Florida. **remarks:** Rabbiteye type, productive. Perennial. Cultivar. Plant.

PI 554711 to 554714. *Vaccinium ashei* Reade ERICACEAE Rabbiteye
Blueberry

Donated by: Austin, Max, Coastal Plain Experiment Station, Tifton, Georgia, United States. Received January 11, 1990.

PI 554711 to 554714-continued

PI 554711 **origin:** United States. **cultivar:** Clara. **pedigree:** Selected from wild *V. ashei* from Georgia. **remarks:** Rabbiteye type, vigorous, to 10 feet high. Perennial. Cultivar. Plant.

PI 554712 **origin:** United States. **cultivar:** Early May. Perennial. Cultivar. Plant.

PI 554713 **origin:** United States. **historical origin:** United States. **cultivar:** Walker. **pedigree:** Selection from wild *V. ashei* from Florida. **remarks:** Disease resistant. Perennial. Cultivar. Plant.

PI 554714 **origin:** United States. **historical origin:** United States. **cultivar:** Suwannee. **pedigree:** Selection from wild *V. ashei* from Florida. **remarks:** Rabbiteye type, fruit smaller than Clara. Perennial. Cultivar. Plant.

PI 554715. *Vaccinium ashei* Reade ERICACEAE Rabbiteye Blueberry

Donated by: Chandler, Jim, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received December 06, 1983.

origin: United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Centurion. **pedigree:** W4 x Callaway. **remarks:** Late midseason. Fruit medium blue, moderately firm, excellent dessert quality. Perennial. Cultivar. Plant.

PI 554716. *Vaccinium ashei* Reade ERICACEAE Rabbiteye Blueberry

Donated by: Austin, Max, Coastal Plain Experiment Station, Tifton, Georgia, United States. Received February 22, 1981.

origin: United States. **origin institute:** University of Georgia, USDA/ARS, Coastal Plain Experiment Station, Tifton, Georgia. **cultivar:** Baldwin. **pedigree:** Tiffblue x Ga 6-40 (Myers x Black Giant). **other id:** T-117. **remarks:** Late ripening, very productive Vigorous, upright, consistent high-yielder. Perennial. Cultivar. Plant.

PI 554717. *Vaccinium ashei* Reade ERICACEAE Rabbiteye Blueberry

Donated by: Hartmann's Plantation Inc., Grand Junction, Michigan, United States. Received February 14, 1990.

PI 554717-continued

origin: United States. **historical origin:** United States.
origin institute: North Carolina State University,
USDA/ARS, Raleigh, North Carolina. **cultivar:** Premier.
pedigree: Tifblue x Homebell. **remarks:** Large, light blue
fruit, 70-80 berries per cup, leafhopper Resis. Early to
midseason. Fruit excellent dessert quality. Perennial.
Cultivar. Plant.

PI 554718 to 554721. *Vaccinium ashei* Reade ERICACEAE Rabbiteye
Blueberry

Donated by: Hartmann's Plantation Inc., Earlton, Florida, United
States. Received March 02, 1990.

PI 554718 **origin:** United States. **origin institute:** University of
Florida, Fruit Crops Dept., Gainesville, Florida.
cultivar: Bluegem. **pedigree:** Open pollinated selection
of Tifton 31 (Ethel x Calloway). **remarks:** Spreading,
vigorous, good for early Pick-your-own Fruit medium
sized, very firm, very light blue. Perennial. Cultivar.
Plant.

PI 554719 **origin:** United States. **origin institute:** University of
Florida, Fruit Crops Dept., Gainesville, Florida.
cultivar: Bonita. **pedigree:** Seedling selection of open
pollinated Beckyblue. **remarks:** Upright, vigorous, good
for early Pick-your-own Fruit large, firm, light blue,
good scar. Perennial. Cultivar. Plant.

PI 554720 **origin:** United States. **origin institute:** University of
Florida, Dept. Fruit Crops, Gainesville, Florida.
cultivar: Choice. **pedigree:** Open pollinated selection of
Tifton 31 (Ethel x Callaway). **remarks:** Medium size,
darker blue fruit, 80-90 berries per cup Fruit medium
sized, light blue, firm, good flavor. Perennial.
Cultivar. Plant.

PI 554721 **origin:** United States. **historical origin:** United States.
origin institute: North Carolina State University,
USDA/ARS, Raleigh, North Carolina. **cultivar:** Powderblue.
pedigree: Tifblue x Menditoo. **remarks:** Recommended for
home use, fresh market and Pick-your-own Fruit light
blue, high quality, will x-pollinate w/Tifblue.
Perennial. Cultivar. Plant.

PI 554722. *Vaccinium fuscatum* Aiton ERICACEAE

Donated by: Hohn, Tim, Washington Park Arboretum, Seattle,
Washington, United States. Received February 09, 1987.

PI 554722-continued

origin: United States. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Plant.

PI 554723. *Vaccinium axillare* Nakai ERICACEAE

Donated by: Shimura, Isao, Toyko University of Agriculture, Tokyo, Japan. Received April 07, 1983.

origin: Japan. **pedigree:** Collected from the wild in Japan. **collected:** September 1981. **locality:** Nagano Prefecture, at Mt. Sirane. **latitude:** 35 deg. 30 min. N. **longitude:** 138 deg. 18 min. E. **elevation:** 972m. Perennial. Wild. Seed.

PI 554724. *Vaccinium axillare* Nakai ERICACEAE

Donated by: Hohn, Tim, Washington Park Arboretum, Seattle, Washington, United States. Received February 09, 1987.

origin: United States. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Plant.

PI 554725. *Vaccinium boreale* I. Hall & Aald. ERICACEAE

Donated by: Hall, I.V., Agriculture Canada, Research Station, Kentville, Nova Scotia, Canada. Received September 12, 1983.

origin: Canada. Perennial. Plant.

PI 554726 to 554727. *Vaccinium boreale* I. Hall & Aald. ERICACEAE
Blueberry

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received April 17, 1990.

PI 554726 **origin:** Canada. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 88-29 # 6. Perennial. Breeding Material. Cutting.

PI 554727 **origin:** Canada. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 88-29 # 33. Perennial. Breeding Material. Cutting.

PI 554728. *Vaccinium bracteatum* Thunb. ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received December 13, 1982.

origin: China. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from OP seed from botanical collection. Perennial. Breeding Material. Plant.

PI 554729 to 554731. *Vaccinium bracteatum* Thunb. ERICACEAE Cranberry

Donated by: Garvey, Ned, National Arboretum, Washington, District of Columbia, United States. Received November 24, 1989.

PI 554729 **origin:** Korea, Republic of. **pedigree:** Collected from the wild in Korea. **collected:** September 23, 1985. **locality:** Taehuksan Island, Yeri Village, facing slope near ocean. **latitude:** 34 deg. 40 min. N. **longitude:** 125 deg. 26 min. E. **elevation:** 60m. **remarks:** Multi-stemmed broadleaved evergreen shrub ca 1.5 m tall. Perennial. Cultivated. Plant.

PI 554730 **origin:** Korea, Republic of. **pedigree:** Collected from the wild in Korea. **locality:** Taehuksan Island, Yeri village, facing slope near ocean. **latitude:** 34 deg. 40 min. N. **longitude:** 125 deg. 26 min. E. **elevation:** 60m. **remarks:** Multi-stemmed broadleaved evergreen shrub ca 1.5 m tall. Perennial. Cultivated. Plant.

PI 554731 **origin:** Korea, Republic of. **pedigree:** Seedling selection from seed collected wild in Korea. **collected:** October 16, 1985. **locality:** Hoi Dong Village, facing slope overlooking the ocean. **latitude:** 34 deg. 25 min. N. **longitude:** 126 deg. 15 min. E. **elevation:** 10m. **remarks:** Dense twiggy broadleaved evergreen shrub to 1 m tall. Perennial. Cultivated. Plant.

PI 554732. *Vaccinium bracteatum* Thunb. ERICACEAE

Donated by: Gu, Yin, Nanjing Botanical Gardens, Nanjing, Jiangsu, China. Received January 22, 1990.

origin: China. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 554733. *Vaccinium bracteatum* Thunb. ERICACEAE

Donated by: Gu, Yin, Nanjing Botanical Gardens, Nanjing, Jiangsu, China. Received January 29, 1990.

PI 554733-continued

origin: China. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 554734. *Vaccinium caespitosum* Michx. ERICACEAE Blueberry

Donated by: Berry Botanic Garden, Portland, Oregon, United States. Received December 28, 1988.

origin: United States. **pedigree:** Collected from the wild in western Washington. **local name:** Dwarf Huckleberry, Dwarf Bilberry. **locality:** Western slope of the Washington Cascades. **latitude:** 47 deg. N. **longitude:** 121 deg. W. **elevation:** 500m. Perennial. Wild. Seed.

PI 554735. *Vaccinium caespitosum* Michx. ERICACEAE Blueberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received September 20, 1990.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Dwarf Huckleberry, Dwarf Bilberry. **collected:** August 25, 1990. **locality:** South end of Waldo Lake near Shadow Bay Campground. **latitude:** 43 deg. 45 min. N. **longitude:** 122 deg. 05 min. W. **elevation:** 1660m. **remarks:** Found at edge of forest, between forest and Waldo Lake Herbarium specimen also received. Perennial. Wild. Seed.

PI 554736. *Vaccinium consanguineum* Klotzsch ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: United Kingdom. Perennial. Cultivated. Plant.

PI 554737 to 554746. *Vaccinium corymbosum* L. ERICACEAE

Donated by: Hepler, Paul, University of Maine, Orono, Maine, United States. Received June 22, 1981.

PI 554737 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maine, Orono, Maine. **pedigree:** Selection #1. Perennial. Breeding Material. Plant.

PI 554737 to 554746-continued

- PI 554738 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #2. Perennial. Breeding Material.
Plant.
- PI 554739 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #3. Perennial. Breeding Material.
Plant.
- PI 554740 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #4. Perennial. Breeding Material.
Plant.
- PI 554741 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #5. Perennial. Breeding Material.
Plant.
- PI 554742 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #6. Perennial. Breeding Material.
Plant.
- PI 554743 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #7. Perennial. Breeding Material.
Plant.
- PI 554744 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #8. Perennial. Breeding Material.
Plant.
- PI 554745 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #9. Perennial. Breeding Material.
Plant.
- PI 554746 **origin:** United States. **historical origin:** United States.
origin institute: University of Maine, Orono, Maine.
pedigree: Selection #10. Perennial. Breeding Material.
Plant.

PI 554747. *Vaccinium corymbosum* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept.
Horticulture, Raleigh, North Carolina, United States. Received
February 14, 1983.

PI 554747-continued

origin: United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from seedlot CVAC 953. Perennial. Breeding Material.
Plant.

PI 554748 to 554759. *Vaccinium corymbosum* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept.
Horticulture, Raleigh, North Carolina, United States. Received
September 15, 1986.

PI 554748 **origin:** United States. **origin institute:** North Carolina
State University, Dept. Horticulture, Raleigh, North
Carolina. **cultivar:** NC 86-24-3. **pedigree:** Selected from
the wild in North Carolina. **collected:** August 05, 1986.
locality: Ron Taylor Forest Overlook, slope above parking
area. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg.
00 min. W. **elevation:** 1860m. **remarks:** Population
collection, Stoloniferous, fruits med-light blue.
Perennial. Breeding Material. Seed.

PI 554749 **origin:** United States. **origin institute:** North Carolina
State University, Dept. Horticulture, Raleigh, North
Carolina. **cultivar:** NC 86-25-3. **pedigree:** Selected from
the wild in North Carolina. **collected:** August 05, 1986.
locality: Graveyard Fields Overlook on a periodically
burned bald. **latitude:** 35 deg. 30 min. N. **longitude:** 83
deg. 00 min. W. **elevation:** 1700m. **remarks:** Population
collection, Suckering clone 1.5 m tall, blue frt.
Perennial. Breeding Material. Seed.

PI 554750 **origin:** United States. **origin institute:** North Carolina
State University, Dept. Horticulture, Raleigh, North
Carolina. **cultivar:** NC 86-29-1. **pedigree:** Selected from
the wild in North Carolina. **collected:** August 12, 1986.
locality: Collection from disturbed roadsides on Jonas
Ridge. **latitude:** 35 deg. 50 min. N. **longitude:** 81 deg.
50 min. W. **elevation:** 1180m. **remarks:** Only one clone
had fruit remaining. Perennial. Breeding Material.
Seed.

PI 554751 **origin:** United States. **origin institute:** North Carolina
State University, Dept. Horticulture, Raleigh, North
Carolina. **cultivar:** NC 86-30-1. **pedigree:** Selected from
the wild in North Carolina. **collected:** August 12, 1986.
locality: Roseborough Ridge roadsides, fairly open, rocky
upland woods. **latitude:** 36 deg. 00 min. N. **longitude:**
81 deg. 55 min. W. **elevation:** 1380m. **remarks:**
Population collection, plants suckering to stoloniferous.
Perennial. Breeding Material. Seed.

PI 554748 to 554759-continued

- PI 554752 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-31-2. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** On summit of Grandmother Mountain. **latitude:** 36 deg. 00 min. N. **longitude:** 81 deg. 50 min. W. **elevation:** 1480m. **remarks:** Fruit only scattered and often already shriveled by drought. Perennial. Breeding Material. Seed.
- PI 554753 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-33-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Craggy Dome View parking area, high elevation bald. **latitude:** 35 deg. 35 min. N. **longitude:** 82 deg. 30 min. W. **elevation:** 2000m. **remarks:** Population collection, stoloniferous, glaucous blue fruited. Perennial. Breeding Material. Seed.
- PI 554754 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-33-6. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Craggy Dome View parking area, high elevation bald. **latitude:** 35 deg. 35 min. N. **longitude:** 82 deg. 30 min. W. **elevation:** 2000m. **remarks:** One stoloniferous clone to 0.8m and very large fruit. Perennial. Breeding Material. Seed.
- PI 554755 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-36-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Maggie Valley Overlook. Dry road cuts and woods edge. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 1730m. **remarks:** Pop'n collection, stoloniferous, extreme var. for fruit size. Perennial. Breeding Material. Seed.
- PI 554756 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-40-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Road cuts and woods edge, Doubletop Mtn. Overlook, W aspect. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 00 min. W. **elevation:** 1780m. **remarks:** Pop'n collection, var. fruit size, all glaucous blue. Perennial. Breeding Material. Seed.

PI 554748 to 554759-continued

- PI 554757 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-42-7. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Open to light wooded area below 8-yr old Xmas tree planting. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1530m. **remarks:** Population sample from the two plants found on the site. Perennial. Breeding Material. Seed.
- PI 554758 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CVAC 967. Perennial. Breeding Material. Plant.
- PI 554759 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-44-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Along Roan Mtn. Gardens Rd., in balds. **latitude:** 36 deg. 00 min. N. **longitude:** 82 deg. 05 min. W. **elevation:** 2050m. **remarks:** Pop'n coll, Quite var. for fruit size, color, and firmness. Perennial. Breeding Material. Seed.

PI 554760 to 554763. *Vaccinium corymbosum* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

- PI 554760 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 79-52-2. **pedigree:** Selected from the wild in North Carolina. **locality:** Macon Co. **latitude:** 35 deg. 15 min. N. **longitude:** 83 deg. 30 min. W. **remarks:** Representative, somewhat stoloniferous, to 2m tall. Perennial. Breeding Material. Plant.
- PI 554761 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 83-21-2. **pedigree:** Selected from the wild in North Carolina. **locality:** Haywood Co. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. W. **remarks:** Representative clone, stems to 2 m tall. Perennial. Breeding Material. Plant.

PI 554760 to 554763-continued

PI 554762 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 83-23-1. **pedigree:** Selected from the wild in North Carolina. **locality:** Macon Co. **latitude:** 35 deg. 15 min. N. **longitude:** 83 deg. 30 min. W. **remarks:** Representative clone, somewhat stoloniferous, to about 1m. Perennial. Breeding Material. Plant.

PI 554763 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 85-4-3. **pedigree:** Selected from the wild in North Carolina. **locality:** Burke Co. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 30 min. W. **remarks:** Representative clone, suckers, to about 1.6m tall. Perennial. Breeding Material. Plant.

PI 554764 to 554786. *Vaccinium corymbosum* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received December 17, 1987.

PI 554764 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-27-07. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Summit of Hawksbill Mtn. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1350m. **remarks:** Suckering to stoloniferous, 1-1.6 m tall, representative. Perennial. Breeding Material. Plant.

PI 554765 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-27-08. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1350m. **remarks:** Suckering to stoloniferous, 1-1.6 m tall, representative. Perennial. Breeding Material. Plant.

PI 554766 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-19-01. **pedigree:** Selected from the wild in North Carolina. **collected:** August 24, 1986. **locality:** Open woods and bald at top of Mt. Satulah, very dry sites. **latitude:** 35 deg. 15 min. N. **longitude:** 82 deg. 45 min. W. **elevation:** 1500m. **remarks:** appears to be a monostem crown-forming type, fruit glaucous. Perennial. Breeding Material. Plant.

PI 554764 to 554786-continued

- PI 554767 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-25-02. **pedigree:** Selected from the wild in North Carolina. **collected:** August 06, 1986. **locality:** Graveyard Fields Overlook on partially burned bald. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. W. **elevation:** 1700m. **remarks:** Suckering clone to 1.5 m tall, good blue color to fruit. Perennial. Breeding Material. Plant.
- PI 554768 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-28-06. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Table Rock Mtn. trailside. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1250m. **remarks:** Generally suckering, representative. Perennial. Breeding Material. Plant.
- PI 554769 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, Georgia. **cultivar:** NC 86-20-04. **pedigree:** Selected from the wild in Georgia. **collected:** August 04, 1988. **locality:** Appalachian Trail, up Tray Peak from Tray Gap. **latitude:** 34 deg. 45 min. N. **longitude:** 83 deg. 40 min. W. **elevation:** 1476m. **remarks:** Stolonerous, quite pubescent, stems to 1 m. Perennial. Breeding Material. Plant.
- PI 554770 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-20-08. **pedigree:** Selected from the wild in North Carolina. **collected:** August 1986. Perennial. Breeding Material. Plant.
- PI 554771 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-27-04. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** South-facing ledge of Hawksbill Mtn. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1300m. **remarks:** Suckering widely, some clones with very glaucous leaves. Perennial. Breeding Material. Plant.

PI 554764 to 554786-continued

- PI 554772 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-28-06. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Trailsides up Table Rock Mtn. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1250m. **remarks:** Representative, suckering generally, leaf glaucousness var. Perennial. Breeding Material. Plant.
- PI 554773 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-28-02. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Along Table Rock Mtn. trail. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1250m. **remarks:** Representative, suckering generally, leaf glaucousness var. Perennial. Breeding Material. Plant.
- PI 554774 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-19-02. **pedigree:** Selected from the wild in North Carolina. **collected:** August 04, 1986. **locality:** Trailsides on Mt. Satulah, in dense shade. **latitude:** 35 deg. 15 min. N. **longitude:** 82 deg. 45 min. W. **elevation:** 1500m. **remarks:** Widely scattered stems to 2.5m, monostem crown-forming type. Perennial. Breeding Material. Plant.
- PI 554775 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-24-01. **pedigree:** Selected from the wild in North Carolina. **collected:** August 06, 1986. **locality:** Slope with NE aspect, Ron Taylor Forest Overlook. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 00 min. W. **elevation:** 1860m. **remarks:** Stoloniferous, 1.3m tall, leaves very glaucous, fruit blue. Perennial. Breeding Material. Plant.
- PI 554776 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-28-04. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Along trailsides on Table Rock Mtn. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1250m. **remarks:** Representative, suckering generally, leaf glaucousness var. Perennial. Breeding Material. Plant.

PI 554764 to 554786-continued

- PI 554777 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-42-06. **pedigree:** Selected from the wild in North Carolina. **collected:** August 16, 1986. **locality:** Open to light wooded area below Xmas tree planting into bog. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1530m. **remarks:** 0.6m tall, stoloniferous, good fruit size and color. Perennial. Breeding Material. Plant.
- PI 554778 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-28-01. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Along trailsides on Table Rock Mtn. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1250m. **remarks:** Representative, suckering generally, leaf glaucousness var. Perennial. Breeding Material. Plant.
- PI 554779 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-36-04. **pedigree:** Selected from the wild in North Carolina. **collected:** August 13, 1936. **locality:** Dry road cuts and woods edge at Maggie Valley Overlook. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 1730m. **remarks:** Select clone with very large medium blue fruit. Perennial. Breeding Material. Plant.
- PI 554780 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-25-01. **pedigree:** Selected from the wild in North Carolina. **collected:** August 06, 1986. **locality:** Graveyard Fields Overlook on a periodically burned bald. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 00 min. W. **elevation:** 1700m. **remarks:** Suckering or stoloniferous, 1.5m tall, fruit med. blue, big. Perennial. Breeding Material. Plant.
- PI 554781 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-27-10. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Summit of Hawksbill Mtn. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1350m. **remarks:** Representative, all suckering to stoloniferous, 1-1.6m tall. Perennial. Breeding Material. Plant.

- PI 554782 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-28-03. **pedigree:** Selected from the wild in North Carolina. **collected:** August 11, 1986. **locality:** Burke County, along trailsides on Table Rock Mtn. **latitude:** 35 deg. 30 min. N. **longitude:** 81 deg. 45 min. W. **elevation:** 1250m. **remarks:** Representative, suckering, variable for leaf glaucousness. Perennial. Breeding Material. Plant.
- PI 554783 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-45-01. **pedigree:** Selected from the wild in North Carolina. **collected:** August 19, 1986. **locality:** Mt. Jefferson at Luther Rock Overlook, N-NE aspect. **latitude:** 36 deg. 30 min. N. **longitude:** 81 deg. 30 min. W. **elevation:** 1350m. **remarks:** Suckering widely, 2.0m, leaves glaucous, narrowly elliptic. Perennial. Breeding Material. Plant.
- PI 554784 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-36-02. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Dry road cuts and woods edge at Maggie Valley Overlook. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 1730m. **remarks:** Select clone, stoloniferous, in full sun, good size blue frt. Perennial. Breeding Material. Plant.
- PI 554785 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-40-02. **pedigree:** Selected from the wild in North Carolina. **collected:** August 14, 1986. **locality:** Road cuts and woods edge at Doubletop Mtn. Overlook. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 00 min. W. **elevation:** 1780m. **remarks:** Select clone, 1.5m tall, stoloniferous, good fruit size. Perennial. Breeding Material. Plant.
- PI 554786 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-20-05. **pedigree:** Selected from the wild in Georgia. **collected:** August 05, 1986. **locality:** Along Appalachian Trail at peak of Tray Mtn. **latitude:** 34 deg. 45 min. N. **longitude:** 83 deg. 40 min. W. **elevation:** 1200m. **remarks:** Stoloniferous, 1m, quite pubescent, leaves elliptic. Perennial. Breeding Material. Plant.

PI 554787. *Vaccinium coriaceum* Hook. f. ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: United Kingdom. Perennial. Cultivated. Plant.

PI 554788. *Vaccinium cornigerum* Sleumer ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: United Kingdom. Perennial. Cultivated. Plant.

PI 554789 to 554797. *Vaccinium corymbosum* L. ERICACEAE Highbush
Blueberry

Donated by: Hepler, Paul, University of Maine, Orono, Maine, United States. Received June 22, 1981.

PI 554789 **origin:** United States. **historical origin:** United States.
origin institute: St. Lawrence Nurseries, Lisbon (Heuvelton), New York. **cultivar:** Ashworth. **pedigree:** Seedling selection. **remarks:** Tetraploid, transmits hardiness, resists frost during bloom. Perennial. Cultivar. Plant.

PI 554790 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554791 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554792 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554793 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554794 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554795 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554796 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554797 **origin:** United States. **historical origin:** UNCERTAIN. Perennial. Plant.

PI 554798 to 554825. *Vaccinium corymbosum* L. ERICACEAE Highbush
Blueberry

Donated by: Oregon State University, Lewis Brown Farm, Corvallis,
Oregon, United States. Received February 28, 1980.

- PI 554798 **origin:** United States. **historical origin:** United States.
origin institute: Joseph J. White Co., Whitesbog, New
Jersey. **cultivar:** Atlantic. **pedigree:** Jersey x Pioneer.
other id: GN-45. **remarks:** Bacterial dieback in Oregon
and Washington. Perennial. Cultivar. Plant.
- PI 554799 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, USDA/ARS,
Experiment Station, Weymouth, New Jersey. **cultivar:**
Blueray. **pedigree:** (Jersey x Pioneer) x (Stanley x
June). **other id:** 18-96. **remarks:** Productive,
consistent, hardy, easily propagated. Perennial.
Cultivar. Plant.
- PI 554800 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, USDA/ARS,
Experiment Station, Weymouth, New Jersey. **cultivar:**
Burlington. **pedigree:** Rubel x Pioneer. **remarks:** Hardy,
lasts 1 week after Rubel. Perennial. Cultivar. Plant.
- PI 554801 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, USDA/ARS,
Experiment Station, Weymouth, New Jersey. **cultivar:**
Concord. **pedigree:** Brooks x Rubel. **remarks:** Early,
heavy producer. Perennial. Cultivar. Plant.
- PI 554802 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, USDA/ARS,
Experiment Station, Weymouth, New Jersey. **cultivar:**
Dixi. **pedigree:** (Jersey x Pioneer) x Stanley. **remarks:**
Season after Jersey, large, late, good for home gardens.
Perennial. Cultivar. Plant.
- PI 554803 **origin:** United States. **cultivar:** Evelyn. Perennial.
Cultivar. Plant.
- PI 554804 **origin:** United States. **historical origin:** United States.
cultivar: Grover. **pedigree:** Selection from wild *V.*
corymbosum from New Jersey. **remarks:** Breeding selection.
Perennial. Cultivar. Plant.
- PI 554805 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, USDA/ARS,
Experiment Station, Weymouth, New Jersey. **cultivar:**
Herbert. **pedigree:** Stanley x GS-149 (Jersey x Pioneer).
other id: V-25. **remarks:** Consistently productive, good
flavor. Perennial. Cultivar. Plant.

PI 554798 to 554825-continued

- PI 554806 **origin:** United States. **origin institute:** USDA-ARS, BARC-West, Beltsville, Maryland. **cultivar:** R-86 (Improved Stanley). **pedigree:** GS 149 (Jersey x Pioneer) x Stanley. **remarks:** Ripens 12 days after Weymouth, very hardy Sister selection to X-58. Perennial. Breeding Material. Plant.
- PI 554807 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Ivanhoe. **pedigree:** (Rancocas x Carter) x Stanley. **remarks:** No longer recommended for N. Car. because of canker susc. Perennial. Cultivar. Plant.
- PI 554808 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Jersey. **pedigree:** Rubel x Grover. **remarks:** Ripens late with Rubel, vigorous plant, productive. Perennial. Cultivar. Plant.
- PI 554809 **origin:** United States. **historical origin:** United States. **cultivar:** Johnston. Perennial. Cultivar. Plant.
- PI 554810 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** June. **pedigree:** (Brooks x Russell) x Rubel. Perennial. Cultivar. Plant.
- PI 554811 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Kathrine. **pedigree:** Brooks x Sooy. **remarks:** Fruit small, picks hard, poor scar, midseason. Perennial. Cultivar. Plant.
- PI 554812 **origin:** United States. **historical origin:** United States. **origin institute:** Eberhart Blueberry Nurseries, Olympia, Washington. **cultivar:** Olympia. **pedigree:** Pioneer x Harding. **remarks:** Resembles Harding, very productive. Perennial. Cultivar. Plant.
- PI 554813 **origin:** United States. **historical origin:** United States. **origin institute:** Eberhart Blueberry Nursery, Olympia, Washington. **cultivar:** Pacific. **pedigree:** Pioneer x Grover. Perennial. Cultivar. Plant.

PI 554798 to 554825-continued

- PI 554814 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Pemberton. **pedigree:** Katherine x Rubel. **other id:** FI-66. **remarks:** Mid to late season, productive, difficult to pick. Perennial. Cultivar. Plant.
- PI 554815 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Pioneer. **pedigree:** Brooks x Sooy. **remarks:** First improved variety from breeding Midseason, high flavor. Perennial. Cultivar. Plant.
- PI 554816 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Rancocas. **pedigree:** (Brooks x Russell) x Rubel. **remarks:** Early to mid-season, sweet. Perennial. Cultivar. Plant.
- PI 554817 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, New Jersey. **cultivar:** Rubel. **pedigree:** Selection from wild *V. corymbosum*. **remarks:** Became a standard variety and is still grown. Perennial. Cultivar. Plant.
- PI 554818 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Scammell. **pedigree:** (Brooks x Chatsworth) x Rubel. **remarks:** Productive. Perennial. Cultivar. Plant.
- PI 554819 **origin:** United States. **historical origin:** United States. **cultivar:** Shirley. Perennial. Cultivar. Plant.
- PI 554820 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Carver, New Jersey. **cultivar:** Stanley. **pedigree:** Katharine x Rubel. **remarks:** Late, light red fruit, 67 cupcount, excellent production, poor keeping quality. Perennial. Cultivar. Plant.
- PI 554821 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Experiment Station, East Wareham, Massachusetts. **cultivar:** Wareham. **pedigree:** Rubel x Harding. Perennial. Cultivar. Plant.

PI 554798 to 554825-continued

- PI 554822 **origin:** United States. **historical origin:** United States. **origin institute:** Eberhart Blueberry Nursery, Olympia, Washington. **cultivar:** Washington. **pedigree:** Pioneer x Rubel. **remarks:** No longer propagated. Perennial. Cultivar. Plant.
- PI 554823 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Weymouth. **pedigree:** June x Cabot. **remarks:** Early ripening, standard variety. Perennial. Cultivar. Plant.
- PI 554824 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** USDA 11-93. **pedigree:** GM 37 (Jersey x Pioneer) x CV5 (Stanley x June). **remarks:** Large fine texture and flavor, somewhat like raspberry. Perennial. Breeding Material. Plant.
- PI 554825 **origin:** United States. **origin institute:** USDA-ARS, BARC-West, Beltsville, Maryland. **cultivar:** USDA F-72. **pedigree:** Wareham x Pioneer. **remarks:** Many of the growers who tested this selection liked it. Perennial. Breeding Material. Plant.

PI 554826 to 554830. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Corvallis, Oregon, United States. Received March 23, 1981.

- PI 554826 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Cabot. **pedigree:** Brooks x Chatsworth. **remarks:** Bush low-spreading, early season. Perennial. Cultivar. Plant.
- PI 554827 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Bluecrop. **pedigree:** GM-37 (Jersey x Pioneer) x CU-5 (Stanley x June). **other id:** NJ 17-19. **remarks:** Very consistent producer, drought resistant, widely adapted. Perennial. Cultivar. Plant.

PI 554826 to 554830-continued

- PI 554828 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Berkeley. **pedigree:** Stanley x (Jersey x Pioneer). **other id:** U-85. **remarks:** Productive, easy to propagate, large, light blue fruit. Perennial. Cultivar. Plant.
- PI 554829 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Coville. **pedigree:** (Jersey x Pioneer) x Stanley. **other id:** DN-76. **remarks:** Productive, easy to propagate, high flavor. Perennial. Cultivar. Plant.
- PI 554830 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Earliblue. **pedigree:** Stanley x Weymouth. **other id:** 15-121. **remarks:** Fine early variety for Maryland northward, not consistently productive. Perennial. Cultivar. Plant.

PI 554831. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Hepler, Paul, University of Maine, Orono, Maine, United States. Received November 20, 1981.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS, New Jersey. **cultivar:** Harding. **pedigree:** Selection from the wild in New Jersey. **remarks:** Breeding selection. Perennial. Cultivar. Plant.

PI 554832. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Doughty, Charles, Washington State University, Experiment Station, Puyallup, Washington, United States. Received March 08, 1981.

origin: United States. **historical origin:** United States. **origin institute:** University of New Hampshire, Agric. Experiment Station, Durham, New Hampshire. **cultivar:** Meader. **pedigree:** Earliblue x Bluecrop. **remarks:** Fruit large, firm, maintains size in subsequent pickings, good flavor, very productive. Perennial. Cultivar. Plant.

PI 554833 to 554838. *Vaccinium corymbosum* L. ERICACEAE Highbush
Blueberry

Donated by: Doughty, Charles, Washington State University,
Experiment Station, Puyallup, Washington, United States. Received
March 18, 1981.

- PI 554833 **origin:** United States. **cultivar:** 1316A. **pedigree:**
Seedling selection. **remarks:** Adapted to mechanical
harvesting, grown extensively in WA. Perennial.
Breeding Material. Plant.
- PI 554834 **origin:** United States. **origin institute:** Eberhart
Nursery, Olympia, Washington. **cultivar:** N-08.
Perennial. Breeding Material. Plant.
- PI 554835 **origin:** United States. **origin institute:** Eberhart
Nursery, Olympia, Washington. **cultivar:** Laniera. **other**
id: N-51-G. **remarks:** Grown in Washington. Perennial.
Cultivar. Plant.
- PI 554836 **origin:** United States. **origin institute:** Eberhardt
Nursery, Olympia, Washington. **cultivar:** Laniera. **other**
id: N-51-G. **remarks:** Grown in Washington. Perennial.
Cultivar. Plant.
- PI 554837 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, USDA/ARS,
Agricultural Experiment Station, Weymouth, New Jersey.
cultivar: Bluetta. **pedigree:** (North Sedgwick x Coville)
x Earliblue. **other id:** G-3. **remarks:** Early ripening,
productive, short & compact bush Fruit medium sized,
light blue, firm, ships well. Perennial. Cultivar.
Plant.
- PI 554838 **origin:** United States. **origin institute:** Drew's Berry
Farm, Rochester, Washington. **cultivar:** Gem. **pedigree:**
Rancocas x June. **other id:** Plant Patent 1181. **group:**
PLNT. **remarks:** Quite hardy, resembles Rancocas.
Perennial. Cultivar. Plant.

PI 554839 to 554840. *Vaccinium corymbosum* L. ERICACEAE Highbush
Blueberry

Donated by: Doughty, Charles, Washington State University,
Experiment Station, Puyallup, Washington, United States. Received
March 23, 1981.

PI 554839 to 554840-continued

PI 554839 **origin:** United States. **historical origin:** United States. **origin institute:** University of Maine, USDA/ARS, Orono, Maine. **cultivar:** Patriot. **pedigree:** (Dixi x Michigan LB-1) x Earliblue. **other id:** ME-US 32. **remarks:** Resistant to root rot caused by *Phytophthora cinnamomi*. Fruit large, slightly flattened, firm, good color. Perennial. Cultivar. Plant.

PI 554840 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, New Jersey Agric. Exper. Sta., New Jersey. **cultivar:** Lateblue. **pedigree:** Herbert x Coville. **other id:** G-99. **remarks:** Consistently productive, good flavor. Fruit medium sized, firm, light blue, highly flavored. Perennial. Cultivar. Plant.

PI 554841 to 554842. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Oregon State University, Lewis Brown Farm, Corvallis, Oregon, United States. Received February 28, 1981.

PI 554841 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** USDA 11-104. **pedigree:** GM 37(Jersey x Pioneer) x CV 5 (Stanley x June). **remarks:** Parent of cultivar Spartan, large-fruited. Perennial. Breeding Material. Plant.

PI 554842 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, New Brunswick, New Jersey. **cultivar:** Collins. **pedigree:** Stanley x Weymouth. **other id:** USDA 18-116. **remarks:** Sister selection of Earliblue, not winter hardy. Perennial. Cultivar. Plant.

PI 554843. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Hepler, Paul, University of Maine, Orono, Maine, United States. Received November 08, 1982.

origin: United States. **origin institute:** University of Maine and, USDA/ARS/PGGI, Orono, Maine. **cultivar:** Patriot. **pedigree:** (Dixi x Michigan LB-1) x Earliblue. **other id:** ME-US 32. **remarks:** Resistant to root rot caused by *Phytophthora cinnamomi*. Fruit large, slightly flattened, firm, good color. Perennial. Cultivar. Plant.

PI 554844. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

origin: United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CVAC 947. **local name:** Highbush Blueberry, Swamp Blueberry. Perennial. Breeding Material. Plant.

PI 554845 to 554847. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Corvallis, Oregon, United States. Received May 09, 1983.

PI 554845 **origin:** United States. **historical origin:** United States.
origin institute: USDA-ARS Fruit Laboratory and, Michigan Blueberry Growers Association, Beltsville, Maryland.
cultivar: Spartan. **pedigree:** Earliblue x US 11-93.
other id: E-132. **remarks:** Vigorous, upright, open in growth habit, well adapted to machine harvest. Perennial. Cultivar. Plant.

PI 554846 **origin:** United States. **historical origin:** United States.
origin institute: Michigan State University, Agric. Exper. Sta., South Haven, Michigan. **cultivar:** Bluejay.
pedigree: Berkeley x Michigan Highbush Sel. 241 (Pioneer x Taylor). **other id:** HBS-400. **remarks:** Productive, upright growth habit, resistant to mummy berry. Fruit medium sized, light blue, round and firm. Perennial. Cultivar. Plant.

PI 554847 **origin:** United States. **historical origin:** United States.
origin institute: Michigan State University, Agric. Experiment Station, South Haven, Michigan. **cultivar:** Bluehaven. **pedigree:** Berkeley x 19-H (lowbush x Pioneer seedling). **remarks:** Recommended for any area where the highbush thrives. Fruit large, round, firm, light blue, excellent flavor. Perennial. Cultivar. Plant.

PI 554848 to 554852. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Corvallis, Oregon, United States. Received September 01, 1983.

PI 554848 to 554852-continued

- PI 554848 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Experiment Station, Atkinson, North Carolina. **cultivar:** Wolcott. **pedigree:** Weymouth x (Stanley x Crabbe 4). **other id:** NC 255. **remarks:** in 1966 composed 80% of the commercial acreage of N.Car. Perennial. Cultivar. Plant.
- PI 554849 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina Agric. Res. Service, USDA/ARS, Raleigh, North Carolina. **cultivar:** Harrison. **pedigree:** Croatan x US 11-93. **other id:** NC 61-3. **remarks:** Large fruit, productive, susceptible to stem blight, rec- commended for areas subject to cane canker (B. corticis). Perennial. Cultivar. Plant.
- PI 554850 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Angola. **pedigree:** Weymouth x (Stanley x Crabbe 4). **remarks:** Not commercially recommended because of dark color, soft fruit. Stem canker resistant. Perennial. Cultivar. Plant.
- PI 554851 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Experiment Station, Atkinson, North Carolina. **cultivar:** Murphy. **pedigree:** Weymouth x F-6 (Stanley x Crabbe 4). **other id:** NC 262. **remarks:** Second most planted commercial cultivar in North Carolina Stem canker resistant. Perennial. Cultivar. Plant.
- PI 554852 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, USDA-ARS, Raleigh, North Carolina. **cultivar:** Croatan. **pedigree:** Weymouth x (Stanley x Crabbe 4). **other id:** NC-257. **remarks:** Since 1960, considered a standard cultivar of North Carolina. Perennial. Cultivar. Plant.

PI 554853 to 554854. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 03, 1984.

PI 554853 to 554854-continued

PI 554853 **origin:** United States. **origin institute:** North Carolina State Univ., Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 1523. **pedigree:** Elizabeth x US 75. **remarks:** Tetraploid, excellent firmness, susceptible to stem canker. Perennial. Breeding Material. Plant.

PI 554854 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 1524. **pedigree:** US 75 x Patriot. **remarks:** Excellent firmness, susceptible to stem canker, early midseason. Perennial. Breeding Material. Plant.

PI 554855 to 554861. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 04, 1984.

PI 554855 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 1409. **pedigree:** Elizabeth x US 75. **remarks:** Excellent firmness, stem canker susceptible. Perennial. Breeding Material. Plant.

PI 554856 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 1452. **pedigree:** G-115 x Croatan. **remarks:** Excellent firmness, tolerant to stem canker, susceptible to mites. Perennial. Breeding Material. Plant.

PI 554857 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 1146. **pedigree:** Murphy x G-125. **remarks:** Excellent firmness, very susceptible to blueberry bud mite. Perennial. Breeding Material. Plant.

PI 554858 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 945. **pedigree:** E-66 x NC 683. **remarks:** Resistant to stem canker, susceptible to fruit anthracnose. Perennial. Breeding Material. Plant.

PI 554859 **origin:** United States. **origin institute:** North Carolina State University and, USDA-ARS, Raleigh, North Carolina. **cultivar:** Bounty. **pedigree:** Murphy x G-125. **other id:** NC 1074. **remarks:** Tolerant to stem blight, susceptible to twig blight and bud mite. Perennial. Cultivar. Plant.

PI 554855 to 554861-continued

PI 554860 **origin:** United States. **origin institute:** North Carolina State University and, USDA/ARS, Raleigh, North Carolina. **cultivar:** Bluechip. **pedigree:** Croatan x US 11-93. **other id:** NC 57-31. **remarks:** Cane canker-resistant, mid-season Fruit very large, excellent color, firm, pleasant flavor. Perennial. Cultivar. Plant.

PI 554861 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 1528. **pedigree:** US 75 x Darrow. **remarks:** Excellent color and quality, susceptible to stem canker and mummy berry. Perennial. Breeding Material. Plant.

PI 554862. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 02, 1984.

origin: Poland. **origin institute:** Warsaw Agricultural University, Field Station, Grojec. **pedigree:** Early Blue x Darrow selection. **collected:** July 26, 1984. **remarks:** Highbush blueberry seedling (Earlyblue x Darrow) cuttings. Perennial. Breeding Material. Plant.

PI 554863. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received March 03, 1986.

origin: United States. **origin institute:** North Carolina State University, USDA/ARS, Agricultural Experiment Station, Ivanhoe, North Carolina. **cultivar:** Morrow. **pedigree:** Angola x Adams. **remarks:** Very early commercial cultivar with improved size Anthracnose tolerant. Perennial. Cultivar. Plant.

PI 554864. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received March 18, 1986.

origin: United States. **origin institute:** North Carolina State University, Dept. Hort. Sci., Raleigh, North Carolina. **cultivar:** Crabbe IV. **remarks:** Stem canker resistant. Perennial. Cultivar. Plant.

PI 554865. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Hiirsalmi, Heimo, Department of Horticulture, Piikkio, Finland. Received March 07, 1986.

origin: Finland. **origin institute:** Agricultural Research Center, Department of Horticulture, Piikkio. **cultivar:** Aron. Perennial. Cultivar. Plant.

PI 554866. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Converse, Richard, USDA/ARS, Oregon State University, Corvallis, Oregon, United States. Received July 08, 1986.

origin: United States. **historical origin:** United States. **origin institute:** New Jersey State, Experiment Station, New Jersey. **cultivar:** Elizabeth. **pedigree:** (Katharine x Jersey) x Scammel. Perennial. Cultivar. Plant.

PI 554867. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Widrlechner, Mark, USDA/ARS/Plant Intro. Station, Iowa State University, Ames, Iowa, United States. Received August 13, 1987.

origin: United States. **pedigree:** Collected from the wild in Michigan. **local name:** Highbush Blueberry, Swamp Blueberry. **locality:** Three Rivers State Game Area. **latitude:** 41 deg. 55 min. N. **longitude:** 85 deg. 30 min. W. **elevation:** 280m. Perennial. Wild. Seed.

PI 554868 to 554869. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

PI 554868 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 81-4-2. **pedigree:** Selected from the wild in North Carolina. **local name:** Highbush Blueberry, Swamp Blueberry. **locality:** Burke Co. **latitude:** 34 deg. 30 min. N. **longitude:** 78 deg. W. **remarks:** 2x, vigorous, upland adapted, prod. unreduced male gametes. Perennial. Breeding Material. Plant.

PI 554868 to 554869-continued

PI 554869 **origin:** United States. **origin institute:** North Carolina State University and, USDA-ARS Fruit Lab, Raleigh, North Carolina. **cultivar:** Blue Ridge. **pedigree:** Patriot x US 74 (Florida 4b [V. darrowii] x Bluecrop). **other id:** NC 1440. **remarks:** Superior fruit quality, stem blight tolerant Low chilling cultivar. Perennial. Cultivar. Plant.

PI 554870. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Meader, E.M., Rochester, New Hampshire, United States. Received February 28, 1989.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS, Middleboro, Massachusetts. **cultivar:** USDA #M-1. **pedigree:** Earliblue x Ivanhoe. **remarks:** Sweetest taste of all highbush blueberries Meader has seen. Perennial. Breeding Material. Cutting.

PI 554871 to 554872. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Volk, Elzie, USDA/ARS, Oregon State University, Corvallis, Oregon, United States. Received January 04, 1990.

PI 554871 **origin:** United States. **historical origin:** United States. **origin institute:** Michigan State University, USDA/ARS, South Haven, Michigan. **cultivar:** Elliot. **pedigree:** Burlington x [Dixi x US 1 (Jersey x Pioneer)]. **remarks:** Received virus-tested from Dr. Converse's lab Composes 1.4% of total world highbush acreage. Perennial. Cultivar. Cutting.

PI 554872 **origin:** United States. **historical origin:** United States. **origin institute:** New Jersey State University and, USDA/ARS, Agricultural Experiment Station, New Brunswick, New Jersey. **cultivar:** Duke. **pedigree:** (Ivanhoe x Earliblue) x 192-8 (E-30 x E-11). **other id:** G-354. **remarks:** Received virus-tested from Dr. Converse's lab Productive, early ripening, good shipper. Perennial. Cultivar. Cutting.

PI 554873. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Hartmann's Plantation Inc., Earlton, Florida, United States. Received March 02, 1990.

PI 554873-continued

origin: United States. **historical origin:** United States.
origin institute: Georgia State University and, USDA/ARS,
Coastal Plain Experiment Station, Tifton, Georgia.
cultivar: Georgiagem. **pedigree:** G-132 x US75 (Fla. 4B x
Bluecrop). **other id:** TH-285. **remarks:** Low-chilling
highbush cultivar, roots easily, ripens early, very good
fruit quality. Perennial. Cultivar. Plant.

PI 554874 to 554877. *Vaccinium corymbosum* L. ERICACEAE Highbush
Blueberry

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry
Res. Sta., Chatsworth, New Jersey, United States. Received April
17, 1990.

PI 554874 **origin:** United States. **historical origin:** United States.
origin institute: Rutgers University, Blueberry and
Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:**
NJ 89-20 # 13. Perennial. Breeding Material. Cutting.

PI 554875 **origin:** United States. **historical origin:** United States.
origin institute: Rutgers University, Blueberry and
Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:**
NJ 89-20 # 14. Perennial. Breeding Material. Cutting.

PI 554876 **origin:** United States. **historical origin:** United States.
origin institute: Rutgers University, Blueberry and
Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:**
NJ 89-20 # 16. Perennial. Breeding Material. Cutting.

PI 554877 **origin:** United States. **origin institute:** Rutgers
University, Blueberry and Cranberry Res. Sta.,
Chatsworth, New Jersey. **pedigree:** Backcross US 136 x Fl
a4B. Perennial. Breeding Material. Cutting.

PI 554878. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Robbins, JoAnne, Washington State University, Experiment
Station, Puyallup, Washington, United States. Received May 03,
1990.

origin: New Zealand. **origin institute:** Dept. Scientific
and Industrial Research, Crop Research Division, Riwaka
Research Station, Motueka. **cultivar:** Pacific Blue.
pedigree: Blueray seedling selection. **remarks:**
Exceptional selection, developed on mineral soil and does
well, good autumn color. Perennial. Cultivar. Plant.

PI 554879 to 554881. *Vaccinium corymbosum* L. ERICACEAE Highbush
Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received May 17, 1990.

PI 554879 **origin:** United States. **origin institute:** North Carolina State University, Dept. Hort. Sci., Box 7609, Castle Hayne, North Carolina 27695-7609. **cultivar:** Reveille. **pedigree:** NC 1171 x Fla. 61-7. **remarks:** New highbush cultivar for the South, adapted for mechanical harvesting. Perennial. Cultivar. Plant.

PI 554880 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 79-8-2. **pedigree:** Selected from the wild in North Carolina. **locality:** Wake County. **latitude:** 35 deg. 50 min. N. **longitude:** 78 deg. 30 min. W. **remarks:** Diploid, upland adapted, large fruit size, otherwise representative for the species. Perennial. Breeding Material. Plant.

PI 554881 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 79-24. **pedigree:** Selected from the wild in North Carolina. **locality:** Pender County. **latitude:** 34 deg. 30 min. N. **longitude:** 78 deg. W. **remarks:** Diploid, representative of the *V. caesariense* type phase of the species. Perennial. Breeding Material. Plant.

PI 554882. *Vaccinium corymbosum* L. ERICACEAE Highbush Blueberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1990.

origin: United States. **pedigree:** Collected from the wild in Vermont. **collected:** September 1990. **locality:** Missisquoi Nat. Wildlife Ref., on old overgrown railroad bed. **latitude:** 44 deg. 55 min. N. **longitude:** 73 deg. 13 min. W. **elevation:** 30m. **remarks:** Very nice red foliage. Assoc. ferns, leatherleaf, *Cornus racemosa* and *serica*. Near Maquam Bog. Perennial. Wild. Plant.

PI 554883 to 554899. *Vaccinium corymbosum* L. ERICACEAE Highbush
Blueberry

Donated by: Volk, Elzie, USDA/ARS, Oregon State University, Corvallis, Oregon, United States. Received January 19, 1991.

PI 554883 to 554899-continued

- PI 554883 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Berkeley. **pedigree:** Stanley x (Jersey x Pioneer). **other id:** U-85. **remarks:** Productive, easy to propagate, large, light blue fruit. Perennial. Cultivar. Plant.
- PI 554884 **origin:** United States. **origin institute:** Michigan State University, Agric. Experiment Station, South Haven, Michigan. **cultivar:** Bluehaven. **pedigree:** Berkeley x 19-H (lowbush x Pioneer seedling). **remarks:** Recommended for any area where the highbush thrives Fruit large, round, firm, light blue, excellent flavor. Perennial. Cultivar. Plant.
- PI 554885 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Bluecrop. **pedigree:** (Jersey x Pioneer) x (Stanley x June). **other id:** NJ 17-19. **remarks:** Very consistent producer, drought resistant, widely adapted. Perennial. Cultivar. Plant.
- PI 554886 **origin:** United States. **origin institute:** Michigan State University, Agric. Exper. Sta., South Haven, Michigan. **cultivar:** Bluejay. **pedigree:** Berkeley x Michigan Highbush Sel. 241 (Pioneer x Taylor). **other id:** HBS-400. **remarks:** Productive, upright growth habit, resistant to mummy berry Fruit medium sized, light blue, round and firm. Perennial. Cultivar. Plant.
- PI 554887 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Blueray. **pedigree:** (Jersey x Pioneer) x (Stanley x June). **other id:** 18-96. **remarks:** Easily propagated by hardwood cuttings, promising northward. Perennial. Cultivar. Plant.
- PI 554888 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Agricultural Experiment Station, Weymouth, New Jersey. **cultivar:** Bluetta. **pedigree:** (North Sedgewick x Coville) x Earliblue. **other id:** G-3. **remarks:** More resistant to spring frosts than Weymouth Fruit medium sized, light blue, firm, ships well. Perennial. Cultivar. Plant.
- PI 554889 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Cabot. **pedigree:** Brooks x Chatsworth. **remarks:** Bush low-spreading, early season. Perennial. Cultivar. Plant.

PI 554883 to 554899-continued

- PI 554890 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, New Brunswick, New Jersey. **cultivar:** Collins. **pedigree:** Stanley x Weymouth. **other id:** USDA 18-116. **remarks:** Sister selection of Earliblue, not winter hardy. Perennial. Cultivar. Plant.
- PI 554891 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Dixi. **pedigree:** (Jersey x Pioneer) x Stanley. **remarks:** Susceptible to cracking, good for home gardens, large, late. Perennial. Cultivar. Plant.
- PI 554892 **origin:** United States. **origin institute:** New Jersey State University and, USDA/ARS, Agricultural Experiment Station, New Brunswick, New Jersey. **cultivar:** Duke. **pedigree:** (Ivanhoe x Earliblue) x 192-8 (E-30 x E-11). **other id:** G-354. **remarks:** Productive, early ripening, good shipper Fruit medium sized, light blue, firm, aromatic. Perennial. Cultivar. Cutting.
- PI 554893 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Earliblue. **pedigree:** Stanley x Weymouth. **other id:** 15-121. **remarks:** Fine early variety for Maryland northward, not consistently productive. Perennial. Cultivar. Plant.
- PI 554894 **origin:** United States. **origin institute:** Michigan State University, USDA/ARS, South Haven, Michigan. **cultivar:** Elliot. **pedigree:** Burlington x [Dixi x (Jersey x Pioneer)]. **remarks:** Composes 1.4% of total world highbush acreage Fruit medium sized, light blue, firm, mild flavor. Perennial. Cultivar. Cutting.
- PI 554895 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Weymouth, New Jersey. **cultivar:** Herbert. **pedigree:** Stanley x (Jersey x Weymouth). **other id:** V-25. **remarks:** Consistently productive, good flavor. Perennial. Cultivar. Plant.
- PI 554896 **origin:** United States. **origin institute:** North Carolina State University, USDA/ARS, Raleigh, North Carolina. **cultivar:** Ivanhoe. **pedigree:** (Raconcas x Carter) x Stanley. **remarks:** No longer recommended in N.Carolina due to susceptibility to stem canker. Perennial. Cultivar. Plant.

PI 554883 to 554899-continued

PI 554897 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Jersey. **pedigree:** Rubel x Grover. **remarks:** Ripens late with Rubel, vigorous plant, productive. Perennial. Cultivar. Plant.

PI 554898 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Pemberton. **pedigree:** Katherine x Rubel. **other id:** FI-66. **remarks:** Difficult to pick, very productive, mid to late season. Perennial. Cultivar. Plant.

PI 554899 **origin:** United States. **origin institute:** USDA-ARS Fruit Laboratory and, Michigan Blueberry Growers Association, Beltsville, Maryland. **cultivar:** Spartan. **pedigree:** Earliblue x US 11-93. **other id:** E-132. **remarks:** Vigorous, upright, open in growth habit, well adapted to machine harvest. Perennial. Cultivar. Plant.

PI 554900. *Vaccinium crassifolium* Andr. ERICACEAE Ornamental

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received January 22, 1986.

origin: United States. **origin institute:** North Carolina State University, Dept. Hort. Sci., Raleigh, North Carolina. **cultivar:** Wells Delight. **pedigree:** Selection of *V. crassifolium* from Moore Co., NC. **local name:** Creeping Blueberry. **remarks:** High vigor and disease tolerance, apparently tolerant to *Phytophthora cinnamomi*. Perennial. Cultivar. Plant.

PI 554901. *Vaccinium cylindraceum* Smith ERICACEAE

Donated by: Rombough, Lon, Ehlen Road, Aurora, Oregon, United States. Received March 31, 1987.

origin: Portugal. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from Portuguese seedlot CVAC 969. **local name:** 'Romano'. Perennial. Breeding Material. Plant.

PI 554902 to 554903. *Vaccinium darrowii* Camp ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

PI 554902 **origin:** United States. **pedigree:** Collected from the wild in Florida. **local name:** Darrow Evergreen Blueberry. **collected:** 1964. **locality:** Gainesville, Florida. **latitude:** 29 deg. 38 min. N. **longitude:** 82 deg. 20 min. W. **Perennial.** Wild. Seed.

PI 554903 **origin:** United States. **pedigree:** Collected from the wild in Florida. **local name:** Darrow Evergreen Blueberry. **collected:** 1978. **locality:** Ocala Nat'l Forest, Putman County. **latitude:** 29 deg. 00 min. N. **longitude:** 82 deg. 00 min. W. **Perennial.** Wild. Seed.

PI 554904. *Vaccinium darrowii* Camp ERICACEAE

Donated by: Lyrene, Paul, University of Florida, Gainesville, Florida, United States. Received March 17, 1988.

origin: United States. **origin institute:** University of Florida, Dept. Fruit. Crops, Gainesville, Florida. **cultivar:** 4B. **local name:** Darrow Evergreen Blueberry. **latitude:** 28 deg. 05 min. N. **longitude:** 81 deg. 45 min. W. **remarks:** Widely used in the breeding of lowchill highbush cultivars Elite parent. **Perennial.** Breeding Material. Plant.

PI 554905. *Vaccinium delavayi* Franch. ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: China. **Perennial.** Cultivated. Plant.

PI 554906. *Vaccinium deliciosum* Piper ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue-leaved Huckleberry, Rainier Bilberry. **collected:** July 29, 1985. **locality:** Willamette Nat'l Forest. **latitude:** 44 deg. 20 min. N. **longitude:** 121 deg. 50 min. W. **elevation:** 1585m. **remarks:** Small population sample, fruit only partly ripe. **Perennial.** Wild. Seed.

PI 554907 to 554909. *Vaccinium deliciosum* Piper ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

PI 554907 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue-leaved Huckleberry, Rainier Bilberry. **collected:** August 06, 1985. **locality:** Gofford Pinchot Nat'l Forest, just off Pacific Crest Trail. **latitude:** 45 deg. 50 min. N. **longitude:** 121 deg. 40 min. W. **elevation:** 1400m. **remarks:** Flavor similar to *V. myrtillus*. Perennial. Wild. Seed.

PI 554908 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue-leaved Huckleberry, Rainier Bilberry. **collected:** August 08, 1985. **locality:** Olympic Nat'l Forest, near Wynoochee River Bridge. **latitude:** 47 deg. 20 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 1130m. **remarks:** Fruit sample from quite varied population. Perennial. Wild. Seed.

PI 554909 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue-leaved Huckleberry, Rainier Bilberry. **collected:** August 08, 1985. **locality:** Olympic Nat'l Forest, in meadow with very shallow soil. **latitude:** 47 deg. 20 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 1190m. **remarks:** Fruit quite variable, some possible introgression. Perennial. Wild. Seed.

PI 554910 to 554911. *Vaccinium elliottii* Chapman ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

PI 554910 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 2845. **pedigree:** Selected from the wild in North Carolina. **locality:** Sampson Co. **latitude:** 35 deg. 05 min. N. **longitude:** 78 deg. 15 min. W. **remarks:** Stem blight resistant, excellent vigor & upland adaptation Leafhopper resistant. Perennial. Breeding Material. Plant.

PI 554911 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 2846. **pedigree:** Selected from the wild in North Carolina. **locality:** Sampson Co. **latitude:** 35 deg. 05 min. N. **longitude:** 78 deg. 15 min. W. **remarks:** Stem blight resistant, produces unreduced female gametes Leafhopper resistant. Perennial. Breeding Material. Plant.

PI 554912. *Vaccinium elliottii* Chapman ERICACEAE

Donated by: Lyrene, Paul, University of Florida, Gainesville, Florida, United States. Received December 26, 1989.

origin: United States. **origin institute:** University of Florida, Dept. Fruit Crops, Gainesville, Florida.
cultivar: Florida 83-139. **pedigree:** Selection from the wild from Florida. **other id:** Oleno Yellow. **remarks:** Homozygous for anthocyanin deficiency in veg, repro. tissues. Perennial. Breeding Material. Plant.

PI 554913 to 554915. *Vaccinium elliottii* Chapman ERICACEAE Blueberry

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received April 17, 1990.

PI 554913 **origin:** United States. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 89-15 # 6. Perennial. Breeding Material. Cutting.

PI 554914 **origin:** United States. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 89-15 # 7. Perennial. Breeding Material. Cutting.

PI 554915 **origin:** United States. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 89-15 # 8. Perennial. Breeding Material. Cutting.

PI 554916 to 554924. *Vaccinium elliottii* Chapman ERICACEAE Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received May 17, 1990.

PI 554916 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 3034.
pedigree: Hybrid from controlled pollination. **remarks:** Very resistant to stem blight. Perennial. Breeding Material. Plant.

PI 554916 to 554924-continued

- PI 554917 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 78-14B-1-2. **pedigree:** Selected from the wild in South Carolina. **locality:** Lexington County. **latitude:** 34 deg. N. **longitude:** 81 deg. 15 min. W. **remarks:** Introgressed with 2n V. corymbosum, leafhopper resistant, susceptible to stem blight, produces unreduced gametes m&f. Perennial. Breeding Material. Plant.
- PI 554918 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 84-12-1. **pedigree:** Selected from the wild in South Carolina. **locality:** Chester County. **latitude:** 34 deg. 45 min. N. **longitude:** 81 deg. 10 min. W. **remarks:** Leafhopper susceptible. Perennial. Breeding Material. Plant.
- PI 554919 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 84-13-1. **pedigree:** Selected from the wild in South Carolina. **locality:** Chester County. **latitude:** 34 deg. 45 min. N. **longitude:** 81 deg. 10 min. W. **remarks:** Introgressed with V. pallidum, leafhopper resistant, appears to produce unreduced female gametes. Perennial. Breeding Material. Plant.
- PI 554920 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 84-13-2. **pedigree:** Selected from the wild in South Carolina. **locality:** Chester County. **latitude:** 34 deg. 45 min. N. **longitude:** 81 deg. 10 min. W. **remarks:** Introgressed with V. pallidum, leafhopper susceptible. Perennial. Breeding Material. Plant.
- PI 554921 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 84-13-3. **pedigree:** Selected from the wild in South Carolina. **locality:** Chester County. **latitude:** 34 deg. 45 min. N. **longitude:** 81 deg. 10 min. W. **remarks:** Introgressed with V. pallidum, leafhopper susceptible. Perennial. Breeding Material. Plant.

PI 554916 to 554924-continued

PI 554922 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 84-14-7. **pedigree:** Selected from the wild in South Carolina. **locality:** Chester County. **latitude:** 34 deg. 45 min. N. **longitude:** 81 deg. 10 min. W. **remarks:** Introgressed with *V. pallidum*, leafhopper susceptible. Perennial. Breeding Material. Plant.

PI 554923 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 84-15-1. **pedigree:** Selected from the wild in North Carolina. **locality:** Cherokee County. **latitude:** 35 deg. 05 min. N. **longitude:** 84 deg. W. **remarks:** Leafhopper resistant. Perennial. Breeding Material. Plant.

PI 554924 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 84-15-3. **pedigree:** Selected from the wild in North Carolina. **locality:** Cherokee County. **latitude:** 35 deg. 05 min. N. **longitude:** 84 deg. W. **remarks:** Leafhopper resistant. Perennial. Breeding Material. Plant.

PI 554925. *Vaccinium emarginatum* Hayata ERICACEAE

Donated by: Shimura, Isao, Toyko University of Agriculture, Tokyo, Japan. Received October 03, 1983.

origin: Taiwan. **pedigree:** Collected from the wild in Taiwan. **locality:** Shii. **latitude:** 24 deg. N. **longitude:** 121 deg. E. **elevation:** 2100m. Perennial. Wild. Seed.

PI 554926. *Vaccinium erythrocarpum* Michx. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

origin: United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 79-58-3. **pedigree:** Selected from the wild in North Carolina. **local name:** Southern Mountain Cranberry. **collected:** September 10, 1979. **locality:** Haywood Co., along Shining Rock Trail, on slope. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 00 min. W. **remarks:** Fruit good sized, insipid flavor. Perennial. Breeding Material. Seed.

PI 554927 to 554929. *Vaccinium erythrocarpum* Michx. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received September 15, 1986.

PI 554927 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-39-4. **pedigree:** Selected from the wild in North Carolina. **local name:** Southern Mountain Cranberry. **collected:** August 12, 1986. **locality:** Along trailside to Andrew's Bald and on the bald. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 25 min. W. **elevation:** 1900m. **remarks:** Population sample, no additional information. Perennial. Breeding Material. Seed.

PI 554928 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-41-3. **pedigree:** Selected from the wild in North Carolina. **local name:** Southern Mountain Cranberry. **collected:** August 12, 1986. **locality:** Trail up Richland Balsam Mtn. from Haywood/Jackson Overlook. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 05 min. W. **elevation:** 2000m. **remarks:** Population collection, typical. Perennial. Breeding Material. Seed.

PI 554929 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-44-4. **pedigree:** Selected from the wild in North Carolina. **local name:** Southern Mountain Cranberry. **collected:** August 12, 1986. **locality:** Along Roan Mtn. Gardens Rd, in balds. **latitude:** 36 deg. 00 min. N. **longitude:** 82 deg. 05 min. W. **elevation:** 2050m. **remarks:** Small population collection. Perennial. Breeding Material. Seed.

PI 554930. *Vaccinium floribundum* H. B. K. ERICACEAE

Donated by: Dixon, David, Graton, California, United States.
Received March 09, 1989.

origin: Ecuador. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from Ecuadorian seedlot CVAC 972. Perennial. Breeding
Material. Plant.

PI 554931. *Vaccinium floribundum* H. B. K. ERICACEAE

Donated by: Sperling, Calvin, USDA/ARS Plant Exploration, BARC-West,
Beltsville, Maryland, United States. Received March 12, 1990.

origin: Ecuador. **pedigree:** Collected from the wild in
Ecuador. **collected:** December 15, 1989. **locality:** Moist
slope in shrubby paramo vegetation, Volcan Cayambe.
latitude: 00 deg. 06 min. N. **longitude:** 77 deg. 59 min.
W. **elevation:** 3700m. **remarks:** Shrub to 1.2m high,
flowers white to pink, fruits blue black. Perennial.
Wild. Seed.

PI 554932 to 554933. *Vaccinium fuscatum* Aiton ERICACEAE

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry
Res. Sta., Chatsworth, New Jersey, United States. Received April
17, 1990.

PI 554932 **origin:** United States. **historical origin:** United States.
origin institute: Rutgers University, Blueberry and
Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:**
NJ 89-16 # 14. Perennial. Breeding Material. Cutting.

PI 554933 **origin:** United States. **historical origin:** United States.
origin institute: Rutgers University, Blueberry and
Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:**
NJ 89-16 # 15. Perennial. Breeding Material. Cutting.

PI 554934. *Vaccinium glauco-album* Hook. F. ex C. B. Clarke ERICACEAE

Donated by: Maver Nurseries, The Seed Source, Tuckasegee, North
Carolina, United States. Received November 20, 1989.

origin: United States. **historical origin:** UNCERTAIN.
Perennial. Seed.

PI 554935. *Vaccinium globulare* Rydb. ERICACEAE

Donated by: Stark, Nelly, University of Montana, Missoula, Montana, United States. Received April 15, 1988.

origin: United States. **pedigree:** Collected from the wild in Montana. **local name:** Blue Huckleberry. **locality:** Lubreck Forest. **latitude:** 47 deg. N. **longitude:** 112 deg. W. Perennial. Wild. Plant.

PI 554936. *Vaccinium hirsutum* Buckley ERICACEAE

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received December 09, 1983.

origin: United States. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Plant.

PI 554937 to 554938. *Vaccinium hirsutum* Buckley ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

PI 554937 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 84-29-3. **pedigree:** Selected from the wild in North Carolina. **local name:** Hairy Huckleberry. **locality:** Graham Co. **latitude:** 35 deg. 20 min. N. **longitude:** 88 deg. 45 min. W. **remarks:** Representative plant. Perennial. Breeding Material. Plant.

PI 554938 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **pedigree:** Seedling selection. **remarks:** Representative plant. Perennial. Breeding Material. Plant.

PI 554939. *Vaccinium hirtum* Thunb. ERICACEAE

Donated by: Shimura, Isao, Toyko University of Agriculture, Tokyo, Japan. Received April 07, 1983.

origin: Japan. **pedigree:** Collected from the wild in Japan. **local name:** Usu No Ki, Karumi Su No Ki. **collected:** September 1981. **locality:** Nagano Prefecture, Japan, at Mt. Skirane. **latitude:** 35 deg. 30 min. N. **longitude:** 138 deg. 18 min. E. **elevation:** 972m. Perennial. Wild. Seed.

PI 554940 to 554941. *Vaccinium hirtum* Thunb. ERICACEAE

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 06, 1990.

PI 554940 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Cutting.

PI 554941 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.

PI 554942 to 554943. *Vaccinium hybrid* ERICACEAE Half High Blueberry

Donated by: Chandler, Jim, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received February 22, 1983.

PI 554942 **origin:** United States. **historical origin:** United States. **origin institute:** University of Minnesota, Dept. Hort. Sci. and Landscape Arch., St. Paul, Minnesota. **cultivar:** Northblue. **pedigree:** Mn-36 x (B-10 x US-3). **other id:** MN 360. **remarks:** Ideal shrub for home gardener in cold winter climates Fruit large, dark blue, good flavor, stores well. Perennial. Cultivar. Plant.

PI 554943 **origin:** United States. **historical origin:** United States. **origin institute:** University of Minnesota, Dept. Hort. Sci. and Landscape Arch., St. Paul, Minnesota. **cultivar:** Northsky. **pedigree:** B-6 x R2P4. **other id:** MN 332. **remarks:** Home garden cultivar in Northern Minnesota and similar areas Fruit medium sized, sky blue, good flavor, stores well. Perennial. Cultivar. Plant.

PI 554944. *Vaccinium hybrid* ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 03, 1984.

origin: United States. **origin institute:** North Carolina State University and, USDA-ARS Fruit Lab, Raleigh, North Carolina. **cultivar:** O'Neal. **pedigree:** Wolcott x Fla. 64-15. **other id:** NC 1688. **remarks:** Good color & quality, susceptible to stem canker and mites, low chilling. Perennial. Cultivar. Plant.

PI 554945. *Vaccinium* hybrid ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

origin: United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oregon seedlot CVAC 961. Perennial. Breeding Material. Plant.

PI 554946. *Vaccinium* hybrid ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 29, 1985. **locality:** Willamette Nat'l Forest, along trail to Benson Lake. **latitude:** 43 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 1600m. **remarks:** 18 in tall, covers 24 square feet, in *V. membranaceum* habit. Perennial. Wild. Plant.

PI 554947. *Vaccinium* hybrid ERICACEAE

Donated by: Blatt, Roger, Agriculture Canada, Experiment Station, Kentville, Nova Scotia, Canada. Received November 14, 1985.

origin: Canada. **origin institute:** Agriculture Canada, Research Station, Kentville, Nova Scotia. **cultivar:** No. 645. Perennial. Breeding Material. Plant.

PI 554948 to 554949. *Vaccinium* hybrid ERICACEAE Highbush Blueberry

Donated by: Lyrene, Paul, University of Florida, Gainesville, Florida, United States. Received March 31, 1986.

PI 554948 **origin:** United States. **origin institute:** University of Florida, Dept. Fruit Crops, Gainesville, Florida. **cultivar:** Sharpblue. **pedigree:** *V. corymbosum* x *V. ashei* & *V. darrowi* (Fla 61-5 x Fla 62-4). **other id:** Fla. 66-11. **remarks:** Should be interplanted with Flordablue for cross-pollination for best fruit set and development. Lowchill cultivar. Perennial. Cultivar. Plant.

PI 554948 to 554949-continued

PI 554949 **origin:** United States. **origin institute:** University of Florida, Fruit Crops Dept., Gainesville, Florida.
cultivar: Avonblue. **pedigree:** Florida 1-3 x [Berkeley x (Pioneer x Wareham)]. **remarks:** Tetraploid, low chilling, ripens after Flordablue and Sharpblue. Perennial. Cultivar. Plant.

PI 554950. Vaccinium hybrid ERICACEAE

Donated by: Rombough, Lon, Ehlen Road, Aurora, Oregon, United States. Received December 29, 1986.

origin: United States. **pedigree:** V. staminium x V. vitis-idaea Fl. **remarks:** Should be mostly a backcross to V. vitis-idaea. Perennial. Breeding Material. Seed.

PI 554951. Vaccinium hybrid ERICACEAE Highbush Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

origin: United States. **origin institute:** North Carolina State University and, USDA/ARS Fruit Lab, Raleigh, North Carolina. **cultivar:** Cape Fear. **pedigree:** (V. darrowii x V. corymbosum) x V. corymbosum. **other id:** NC 1525. **remarks:** Stem blight resistant, low chilling. Perennial. Cultivar. Plant.

PI 554952. Vaccinium hybrid ERICACEAE Half High Blueberry

Donated by: Volk, Elzie, USDA/ARS, Oregon State University, Corvallis, Oregon, United States. Received January 04, 1990.

origin: United States. **historical origin:** United States. **origin institute:** Michigan State University, Agric. Exper. Sta., South Haven, Michigan. **cultivar:** Northland. **pedigree:** Berkeley x 19-H (lowbush x Pioneer seedling). **remarks:** Received virus-tested from Dr. Converse's lab. Fruit medium sized, round, medium blue, good flavor. Perennial. Cultivar. Cutting.

PI 554953 to 554955. Vaccinium hybrid ERICACEAE Highbush Blueberry

Donated by: Hartmann's Plantation Inc., Grand Junction, Michigan, United States. Received February 14, 1990.

PI 554953 to 554955-continued

PI 554953 **origin:** United States. **historical origin:** United States. **origin institute:** University of Minnesota, Dept. Hort. Sci. & Landscape Arch., St. Paul, Minnesota. **cultivar:** Northcountry. **pedigree:** B 6 x R2P4, *V. corymbosum* & *V. angustifolium* in ancestry. **remarks:** Suitable for home garden and commercial plantings. Perennial. Cultivar. Plant.

PI 554954 **origin:** United States. **historical origin:** United States. **origin institute:** West Virginia State University, Agricultural Experiment Station, West Virginia. **cultivar:** Ornablue. **pedigree:** *V. pallidum* (HCl401 x *V. corymbosum* (Concord)). **remarks:** Dense, slender foliage, long-lasting red color in the fall. Perennial. Cultivar. Plant.

PI 554955 **origin:** United States. **origin institute:** Michigan State University, Dept. Horticulture, Agric. Exper. Sta., East Lansing, Michigan. **cultivar:** Top Hat. **pedigree:** MI 19-H x MI 36-H. **remarks:** Ornamental cultivar with brilliant red foliage in autumn Both parents have a wild Michigan lowbush sel. in background. Perennial. Cultivar. Plant.

PI 554956 to 554957. *Vaccinium* hybrid ERICACEAE Rabbiteye Blueberry

Donated by: Hartmann's Plantation Inc., Earlton, Florida, United States. Received March 02, 1990.

PI 554956 **origin:** United States. **origin institute:** University of Florida, Dept. Fruit Crops, Gainesville, Florida. **cultivar:** Beckyblue. **pedigree:** OP (Florida 6-138) x E-96 [Berkeley x (Wareham x Pioneer)]. **other id:** Fla. X. **remarks:** Produces in high and low winter chilling, yields well Earliest of all the rabbiteye cultivars. Perennial. Cultivar. Plant.

PI 554957 **origin:** United States. **origin institute:** University of Florida, Dept. Fruit Crops, Gainesville, Florida. **cultivar:** Flordablue. **pedigree:** Complex of *V. darrowi* and *V. ashei* (Fla. 63-20 x Fla. 63-12). **remarks:** Good for fresh use and Pick-your-own markets Lowchill highbush cultivar. Perennial. Cultivar. Plant.

PI 554958. *Vaccinium* hybrid ERICACEAE Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received May 17, 1990.

PI 554958-continued

origin: United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 3084. **remarks:** Tetraploid 'rabbiteye type' hybrid, leafhopper resistant. Perennial. Breeding Material. Plant.

PI 554959 to 554960. *Vaccinium* hybrid ERICACEAE Rabbiteye Blueberry

Donated by: Lyrene, Paul, University of Florida, Gainesville, Florida, United States. Received January 18, 1991.

PI 554959 **origin:** United States. **origin institute:** University of Florida, Dept. Fruit Crops, Gainesville, Florida. **cultivar:** Aliceblue. **pedigree:** OP Fla. 6-138 (ashei) x E-96 (Berkeley x F-72). **remarks:** Interplant with Beckyblue for pollination of the latter. Perennial. Cultivar. Plant.

PI 554960 **origin:** United States. **origin institute:** University of Florida, Dept. Fruit Crops, Gainesville, Florida. **cultivar:** Beckyblue. **pedigree:** (Florida 6-138) x [Berkeley x (Wareham x Pioneer)]. **other id:** Fla. X. **remarks:** Produces in high and low winter chilling, yields well Earliest of all the rabbiteye cultivars. Perennial. Cultivar. Plant.

PI 554961. *Vaccinium* hybrid ERICACEAE Blueberry

Donated by: Meader, E.M., Rochester, New Hampshire, United States. Received April 15, 1991.

origin: United States. **origin institute:** Private breeder, 43 Meaderboro Road, Rochester, New Hampshire 03867. **pedigree:** *V. stamineum* x *V. vitis-idaea* Fl Meader. Perennial. Breeding Material. Cutting.

PI 554962. *Vaccinium japonicum* Miquel ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: Japan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from Japanese seedlot CVAC 943. **local name:** Aku Shiba. Perennial. Breeding Material. Plant.

PI 554963. *Vaccinium japonicum* Miquel ERICACEAE

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received December 09, 1983.

origin: Japan. **pedigree:** Seedling selection from seedlot collected wild in Japan. **local name:** Aku Shiba. **locality:** Toyama City. **latitude:** 36 deg. 40 min. N. **longitude:** 137 deg. 15 min. E. Perennial. Cultivated. Plant.

PI 554964. *Vaccinium japonicum* Miquel ERICACEAE

Donated by: Okazawa, Y., Hokkaido University, Botanic Garden, Sapporo, Hokkaido, Japan. Received April 17, 1984.

origin: Japan. **pedigree:** Open pollinated from botanical collection. **local name:** Aku Shiba. Perennial. Cultivated. Seed.

PI 554965. *Vaccinium koreanum* Nakai ERICACEAE

Donated by: Lee, T.B., Kawanak Arboretum, Suweon, Korea, Republic of. Received April 07, 1983.

origin: Korea, Republic of. **pedigree:** Collected from the wild in Korea. **collected:** 1980. **latitude:** 37 deg. 31 min. N. **longitude:** 126 deg. 58 min. E. Perennial. Wild. Seed.

PI 554966. *Vaccinium koreanum* Nakai ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: Korea, Republic of. **pedigree:** Collected from the wild in Korea. **collected:** September 10, 1981. **locality:** Worak Mts, understory, beneath massive granite monolith. **latitude:** 37 deg. N. **longitude:** 126 deg. E. **elevation:** 500m. **remarks:** 30-40 cm height, small leaves, red fruit, calyx coronate. Perennial. Wild. Seed.

PI 554967 to 554968. *Vaccinium koreanum* Nakai ERICACEAE

Donated by: Miller, C. Ferris, Chollipo Arboretum, Seoul, Korea, Republic of. Received July 14, 1983.

PI 554967 **origin:** Korea, Republic of. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 554967 to 554968-continued

PI 554968 **origin:** Korea, Republic of. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 554969. *Vaccinium laurifolium* (Blume) Miq. ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: United Kingdom. Perennial. Cultivated. Plant.

PI 554970 to 554976. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Brown, Floyd, Bandon, Oregon, United States. Received February 17, 1982.

PI 554970 **origin:** United States. **historical origin:** United States. **origin institute:** USDA-ARS, Beltsville, Maryland. **cultivar:** Stevens. **pedigree:** McFarlin x Potter. **remarks:** Large fruit, 50-6- cupcount, deep red, good keeping quality, medium late, resistant to softening. Perennial. Cultivar. Plant.

PI 554971 **origin:** United States. **pedigree:** Howe's x Early Black. Perennial. Breeding Material. Plant.

PI 554972 **origin:** United States. **cultivar:** Stankovich. **pedigree:** Big-berry clone of Northern Prolific. **other id:** Northern Prolific. **remarks:** Produces well, resembles Michigan Bennett Resistant to false blossom. Perennial. Cultivar. Plant.

PI 554973 **origin:** United States. **historical origin:** United States. **cultivar:** Bennett. **pedigree:** Chance seedling. **other id:** Bennett Jumbo. **other id:** Baines No. 1. **remarks:** Fruit olive-shaped, large, red ribbed on green or light grey, approaching white at maturity. Perennial. Cultivar. Plant.

PI 554974 **origin:** United States. **pedigree:** Probably seedling escape naturalized at Bandon, Oregon. **local name:** American Cranberry, Large Cranberry. **collected:** February 1982. **locality:** Bandon, OR, adjacent to cultivated bog, also on beach area. Perennial. Wild. Plant.

PI 554975 **origin:** United States. **historical origin:** United States. **cultivar:** McFarlin. **pedigree:** Selected from the wild in New Hampshire. **remarks:** Fruit is midseason, 65-95 cupcount, one of the few cranberries grown in both the East and West. Perennial. Cultivar. Plant.

PI 554970 to 554976-continued

PI 554976 **origin:** United States. **historical origin:** United States. **origin institute:** Washington State University, Pullman, Washington. **cultivar:** Crowley. **pedigree:** McFarlin x Prolific. **remarks:** Prolific, medium to large berry, very productive, high pigment, low in astringency. Perennial. Cultivar. Plant.

PI 554977. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Postman, Joseph, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 08, 1983.

origin: United States. **pedigree:** Collected from the wild in Maine. **local name:** American Cranberry, Large Cranberry. **collected:** July 04, 1983. **locality:** Growing in open field and partially shaded by deciduous tree. **latitude:** 44 deg. 30 min. N. **longitude:** 68 deg. 30 min. E. **elevation:** 55m. Perennial. Wild. Plant.

PI 554978 to 554985. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Marucci, Phillip, Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 25, 1985.

PI 554978 **origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** No. 35. Perennial. Breeding Material. Plant.

PI 554979 **origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** AJ. Perennial. Cultivar. Plant.

PI 554980 **origin:** United States. **cultivar:** Cropper. **pedigree:** Selected from the wild in New Jersey. **remarks:** Midseason, medium red, 95-105 cupcount, good production, fair keeper. Perennial. Cultivar. Plant.

PI 554981 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** Wilcox. **pedigree:** Howes x Searles. **remarks:** Fruit medium, oval, deep red, fair keeping quality, very early, resistant to leafhopper. Perennial. Cultivar. Plant.

PI 554978 to 554985-continued

PI 554982 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Bergman. **pedigree:** Early Black x Searles. **other id:** Mass-8. **remarks:** Fruit pear shaped, red, good to excellent keeper, cup count 65-80, resistant to false blossom. Perennial. Cultivar. Plant.

PI 554983 **origin:** United States. **historical origin:** United States. **cultivar:** Ben Lear. **pedigree:** Selected from the wild in Wisconsin. **remarks:** Early, deep red fruit, 70-90 cupcount, poor keepers but a good cropper. Perennial. Cultivar. Plant.

PI 554984 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Pilgrim. **pedigree:** Prolific x McFarlin. **other id:** Mass-17. **remarks:** Resistant to leafhopper, round, late-ripening Resistant to false blossom. Perennial. Cultivar. Plant.

PI 554985 **origin:** United States. **cultivar:** Le Munyon. **other id:** Norman Le Munyon. **remarks:** Number one producer in Wisconsin and New Jersey. Perennial. Cultivar. Plant.

PI 554986. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Stang, E.J., University of Wisconsin, Madison, Wisconsin, United States. Received November 21, 1985.

origin: United States. **historical origin:** United States. **cultivar:** Early Black. **pedigree:** Selected from the wild in Massachusetts. **remarks:** Fruit is very early, berries 80-150 cupcount, color changes from pinkish white to red to nearly black when very ripe. Perennial. Cultivar. Plant.

PI 554987. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received January 25, 1989.

origin: United States. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** Olson's Honkers. **local name:** Cultivated Cranberry. **remarks:** Sets large fruit, vine same thickness as Stevens. Perennial. Cultivar. Plant.

PI 554988. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received November 04, 1986.

origin: United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-42-08. **pedigree:** Selected from the wild in North Carolina. **local name:** American Cranberry, Large Cranberry. **collected:** October 14, 1986. **locality:** Open to light woods into edge of bog near X-mas tree plantng. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1530m. **remarks:** Sample from near the southern limit of this species. Perennial. Breeding Material. Seed.

PI 554989. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Sperling, Calvin, USDA/ARS Plant Exploration, BARC-West, Beltsville, Maryland, United States. Received November 07, 1988.

origin: United States. **pedigree:** Collected from the wild in Minnesota. **local name:** American Cranberry, Large Cranberry. **collected:** September 19, 1988. **locality:** Open quaking bog in kettle depression. **latitude:** 45 deg. 50 min. N. **longitude:** 95 deg. 43 min. W. **elevation:** 500m. **remarks:** Very rare in this region, fruits bright red. Perennial. Wild. Plant.

PI 554990 to 554994. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Toon, Frank, Bandon, Oregon, United States. Received January 25, 1989.

PI 554990 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Beltsville, Maryland. **cultivar:** Beckwith. **pedigree:** McFarlin x Early Black. **remarks:** Introduced in 1950 Fruit large, cup count 50-6-, deep red, late to mature. Perennial. Cultivar. Cutting.

PI 554991 **origin:** United States. **historical origin:** United States. **cultivar:** Ben Lear. **pedigree:** Selected from the wild in Wisconsin. **remarks:** Cultivar originated ca. 1900. Fruit early, deep red, 70-90 cupcount, poor keepers. Perennial. Cultivar. Cutting.

PI 554990 to 554994-continued

PI 554992 **origin:** United States. **historical origin:** United States.
origin institute: New Jersey State University, USDA/ARS,
Experiment Station, Whitesbog, New Jersey. **cultivar:**
Pilgrim. **pedigree:** Prolific x McFarlin. **other id:**
Mass-17. **remarks:** Resistant to leafhopper, round,
late-ripening Resistant to false blossom. Perennial.
Cultivar. Cutting.

PI 554993 **origin:** United States. **historical origin:** United States.
cultivar: Prolific. **pedigree:** Seedling selection.
remarks: Fruit large, cherry-shaped, uniform dark red,
excellent flavor. Perennial. Cultivar. Cutting.

PI 554994 **origin:** United States. **historical origin:** United States.
cultivar: McFarlin. **pedigree:** Selected from the wild in
Massachusetts. **remarks:** Fruit midseason, 65-95 cupcount,
one of the few cranberries grown in both the East and
West. Perennial. Cultivar. Cutting.

PI 554995 to 554996. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Mineo, B., Siskiyou Rare Plant Nursery, Medford, Oregon,
United States. Received January 30, 1990.

PI 554995 **origin:** United States. **historical origin:** United States.
origin institute: Arnold Arboretum, Jamaica Plain,
Massachusetts. **cultivar:** Hamilton. **remarks:**
Small-fruited cultivar. Perennial. Cultivar. Plant.

PI 554996 **origin:** United States. **cultivar:** Langlois Form.
remarks: Popular commercial cranberry variety on the
Oregon coast. Perennial. Cultivar. Plant.

PI 554997 to 554998. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry
Res. Sta., Chatsworth, New Jersey, United States. Received April
17, 1990.

PI 554997 **origin:** United States. **historical origin:** United States.
cultivar: Howes. **pedigree:** Selected from the wild in
Massachusetts. **remarks:** The standard late cultivar in
Massachusetts and New Jersey Fruit 80-140 cupcount,
colors very well in storage. Perennial. Cultivar.
Cutting.

PI 554997 to 554998-continued

PI 554998 **origin:** United States. **origin institute:** New Jersey State University, USDA/ARS, Experiment Station, Whitesbog, New Jersey. **cultivar:** Franklin. **pedigree:** Early Black x Howes. **other id:** Mass. 31. **remarks:** Yields better than either of its parents, early, resistant to false blossom. Perennial. Cultivar. Cutting.

PI 554999 to 555007. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: DeMoranville, C., Cranberry Experiment Station, Glen Charlie Road, East Wareham, Massachusetts, United States. Received May 07, 1990.

PI 554999 **origin:** United States. **cultivar:** Centerville. **other id:** Belle of the Cape. **other id:** Lewis. **remarks:** Fruit late, very large (60-90/cup), medium red becoming dark red, do not keep or ship well. Perennial. Cultivar. Cutting.

PI 555000 **origin:** United States. **cultivar:** Champion. **pedigree:** Selected from the wild in Massachusetts. **remarks:** Fruit late, very large, oblong, bright red, susceptible to fruit rot and does not ship well. Perennial. Cultivar. Cutting.

PI 555001 **origin:** United States. **cultivar:** Foxboro Howes. **pedigree:** Chance seedling. **remarks:** Fruit late, dark red, good production, good keeping quality, 100-110/cup. Perennial. Cultivar. Cutting.

PI 555002 **origin:** United States. **cultivar:** Round Howes. **pedigree:** Chance seedling. **remarks:** Fruit late, light red, 79+ cupcount, very good production, fair keeping quality. Perennial. Cultivar. Cutting.

PI 555003 **origin:** United States. **cultivar:** Paradise Meadow. **pedigree:** Chance seedling. **remarks:** Fruit late, medium red, 59-68 cupcount, fair-good production good keeping quality. Perennial. Cultivar. Cutting.

PI 555004 **origin:** United States. **cultivar:** Pride. **pedigree:** Seedling selection. **other id:** Belle of Carver. **other id:** Vose's Belle. **other id:** Vose's Pride. **remarks:** Fruit medium sized, varying, dark red when very ripe, good shipper and keeper, midseason. Perennial. Cultivar. Cutting.

PI 554999 to 555007-continued

- PI 555005 **origin:** United States. **cultivar:** Perry Red. **pedigree:** Chance seedling. **remarks:** Fruit early, blackish-red, 80-100 cupcount, good production poor keeper. Perennial. Cultivar. Cutting.
- PI 555006 **origin:** United States. **cultivar:** Wales Henry. **pedigree:** Chance seedling. **remarks:** Fruit midseason, medium-sized, round, indistinctly striped with varying shades of red, keeps and ships well. Perennial. Cultivar. Cutting.
- PI 555007 **origin:** United States. **cultivar:** Whiting Randall. **pedigree:** Chance seedling. **remarks:** Fruit very late, medium red, 111-140 cupcount, good production, excellent keeping quality. Perennial. Cultivar. Cutting.

PI 555008 to 555016. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Boone, D.M., University of Wisconsin, Madison, Wisconsin, United States. Received June 04, 1990.

- PI 555008 **origin:** United States. **historical origin:** United States. **cultivar:** Black Veil. **pedigree:** Seedling selection. **remarks:** Very early, fruit is almost black when very ripe, good keepers, fair shippers. Perennial. Cultivar. Plant.
- PI 555009 **origin:** United States. **historical origin:** United States. **cultivar:** Centennial. **pedigree:** Seedling selection. **remarks:** Fruit is late, large (59-90 cupcount) becoming dark red when very ripe, 4 prominent ridges forming a rough cross. Perennial. Cultivar. Plant.
- PI 555010 **origin:** United States. **historical origin:** United States. **cultivar:** Garwood Bell. **pedigree:** Chance seedling. **remarks:** Fruit is late, dark red, 100-110 cupcount, good keepers. Perennial. Cultivar. Plant.
- PI 555011 **origin:** United States. **cultivar:** Gebhardt Beauty. **pedigree:** Chance seedling. **remarks:** Fruit early, deep red, medium sized, good production and keeping. Perennial. Cultivar. Plant.
- PI 555012 **origin:** United States. **cultivar:** Potter's Favorite. **pedigree:** Chance seedling. **other id:** Potter's Favorite. **remarks:** Fruit early, deep red, 68 cupcount, oval, very poor keepers. Perennial. Cultivar. Plant.

PI 555008 to 555016-continued

- PI 555013 **origin:** United States. **cultivar:** Searles. **pedigree:** Selected from the wild in Wisconsin. **other id:** Searles Jumbo. **remarks:** Medium season, large, uniformly red, moderate keepers Only major cultivar which did not originate in Massachusetts. Perennial. Cultivar. Plant.
- PI 555014 **origin:** United States. **historical origin:** United States. **cultivar:** Shaw's Success. **pedigree:** Chance seedling. **remarks:** Midseason, blackish red, 110-140 cupcount, good production, very good keepers. Perennial. Cultivar. Plant.
- PI 555015 **origin:** United States. **cultivar:** Thunder Lake 3. Perennial. Breeding Material. Plant.
- PI 555016 **origin:** United States. **cultivar:** Thunder Lake 4. Perennial. Breeding Material. Plant.

PI 555017 to 555022. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1990.

- PI 555017 **origin:** Canada. **origin institute:** Agriculture Canada, Regional Research Station, Kentville, Nova Scotia. **cultivar:** 70-28. **pedigree:** Augusta x 340. **collected:** September 1990. **remarks:** Excellent yielder, heavy foliage, midseason bloom. Perennial. Breeding Material. Plant.
- PI 555018 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **local name:** American Cranberry, Large Cranberry. **collected:** September 1990. **locality:** Lee, behind library parking lot trail thru woods to bog. **latitude:** 43 deg. 20 min. N. **longitude:** 71 deg. W. **elevation:** 200m. **remarks:** Found at edge of bog in lowlying moist location, open above Assoc. leatherleaf, partridgeberry, sphagnum. Perennial. Wild. Plant.
- PI 555019 **origin:** United States. **pedigree:** Collected from the wild in Vermont. **local name:** American Cranberry, Large Cranberry. **collected:** September 1990. **locality:** NW side of Shelburn Pond in Shelburn Bog, 3m from lake edge. **latitude:** 44 deg. 22 min. N. **longitude:** 73 deg. 10 min. W. **elevation:** 100m. **remarks:** Growing in partial shade, assoc. ferns, leatherleaf, sphagnum, E. hemlock. Perennial. Wild. Plant.

PI 555017 to 555022-continued

PI 555020 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **local name:** American Cranberry, Large Cranberry. **collected:** September 1990. **locality:** Bog off Rt. 152 2.5mi W of Newmarket. **latitude:** 43 deg. 15 min. N. **longitude:** 71 deg. W. **elevation:** 100m. **remarks:** Found growing around the edge of a sphagnum bog behind a quarry. Perennial. Wild. Plant.

PI 555021 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **local name:** American Cranberry, Large Cranberry. **collected:** September 1990. **locality:** Bog off Rt. 152 1mi W of So. Lee, roadside, soon to be lost. **latitude:** 43 deg. 15 min. N. **longitude:** 71 deg. 10 min. W. **elevation:** 100m. **remarks:** This location will not support cranberries long - other plants are overgrowing, shading out cranberries. Perennial. Wild. Plant.

PI 555022 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **local name:** American Cranberry, Large Cranberry. **collected:** September 1990. **locality:** About 0.5mi E of East Barrington, open sphagnum bog. **latitude:** 43 deg. 25 min. N. **longitude:** 71 deg. 05 min. W. **elevation:** 100m. **remarks:** Found scattered throughout bog. Perennial. Wild. Plant.

PI 555023. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Caruso, Frank L., Cranberry Experiment Station, Glen Charlie Road, East Wareham, Massachusetts, United States. Received October 18, 1990.

origin: United States. **cultivar:** Bugle: Wareham type.
pedigree: Selected from the wild in Massachusetts. **other id:** Black Diamond. **remarks:** Wareham type, has elongate or 'olive' fruit shape. Perennial. Cultivar. Plant.

PI 555024. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Caruso, Frank L., Cranberry Experiment Station, Glen Charlie Road, East Wareham, Massachusetts, United States. Received October 15, 1990.

origin: United States. **cultivar:** Bugle: Mashpee type.
pedigree: Selected from the wild in Massachusetts. **other id:** Black Diamond. **remarks:** Mashpee type, has more teardrop fruit shape than Wareham type. Perennial. Cultivar. Plant.

PI 555025 to 555027. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Mairs, Donald, Maine Dept. of Agriculture, Augusta, Maine, United States. Received October 25, 1990.

PI 555025 **origin:** United States. **pedigree:** Collected from the wild in Maine. **collected:** October 22, 1990. **locality:** Great Pond Bog, Belgrade, Maine. Perennial. Wild. Plant.

PI 555026 **origin:** United States. **pedigree:** Collected from the wild in Maine. **collected:** October 22, 1990. **locality:** Boyden's Lake, Robbinston, Maine. Perennial. Wild. Plant.

PI 555027 **origin:** United States. **pedigree:** Collected from the wild in Maine. **collected:** October 22, 1990. **locality:** Ellis Farm, Belgrade, Maine. Perennial. Wild. Plant.

PI 555028 to 555029. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Mairs, Donald, Maine Dept. of Agriculture, Augusta, Maine, United States. Received November 13, 1990.

PI 555028 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Maine seedlot CVAC 1014. Perennial. Breeding Material. Plant.

PI 555029 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Maine seedlot CVAC 1015. Perennial. Breeding Material. Plant.

PI 555030. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Sperling, Calvin, USDA/ARS Plant Exploration, BARC-West, Beltsville, Maryland, United States. Received January 29, 1991.

origin: United States. **pedigree:** Collected from the wild in Minnesota. **local name:** American Cranberry, Large Cranberry. **collected:** October 05, 1990. **locality:** 'Brueske's Bog', 2.5m South of Garfield, Douglas County. **latitude:** 45 deg. 54 min. N. **longitude:** 95 deg. 31 min. W. **elevation:** 500m. **remarks:** Abundant in this bog, otherwise rare in the region. Fruits red to dark red above, round to olive shaped. Perennial. Wild. Seed.

PI 555031. *Vaccinium macrocarpon* Ait. ERICACEAE Cranberry

Donated by: Smith, A.S., Kingsport, Tennessee, United States.
Received March 25, 1991.

origin: United States. **collected:** March 20, 1991.
Perennial. Cultivated. Plant.

PI 555032. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Gunning, Jeanne, Salem, Oregon, United States. Received
April 07, 1983.

origin: United States. **pedigree:** Collected from the wild
in Washington. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** July 14, 1982. **locality:**
Olympic Nat'l Forest, Falls Creek Campground, old growth.
latitude: 47 deg. 05 min. N. **longitude:** 123 deg. 05 min.
W. **elevation:** 60m. **remarks:** Old growth coniferous
forest, heavy shade from tree canopy. Perennial. Wild.
Seed.

PI 555033. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Barritt, Bruce, Washington State University, Research
Station, Puyallup, Washington, United States. Received March 18,
1981.

origin: United States. **historical origin:** UNCERTAIN.
local name: Blue Huckleberry, Mountain Huckleberry.
Perennial. Plant.

PI 555034 to 555036. *Vaccinium membranaceum* Dougl. ERICACEAE
Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received July 31, 1982.

PI 555034 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Blue Huckleberry, Mountain
Huckleberry. **latitude:** 44 deg. N. **longitude:** 121 deg.
W. Perennial. Wild. Plant.

PI 555035 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Blue Huckleberry, Mountain
Huckleberry. **latitude:** 44 deg. N. **longitude:** 121 deg.
W. Perennial. Wild. Plant.

PI 555034 to 555036-continued

PI 555036 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **latitude:** 44 deg. N. **longitude:** 121 deg. W. **Perennial.** Wild. Plant.

PI 555037 to 555039. *Vaccinium membranaceum* Dougl. ERICACEAE
Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 15, 1983.

PI 555037 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 12, 1983. **locality:** Clearcut area overlooking Three Sisters Wilderness. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1380m. **remarks:** Fruit 8-13mm red to purp. **Perennial.** Wild. Seed.

PI 555038 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 11, 1983. **locality:** Above Cougar Reservoir, along road shoulder through forest. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1250m. **remarks:** Single fruit, 8-13 mm, red. **Perennial.** Wild. Seed.

PI 555039 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 11, 1983. **locality:** Above Cougar Reservoir in old clearcut west slope. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1075m. **remarks:** Single fruit, 8-10 mm, RP. **Perennial.** Wild. Seed.

PI 555040. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Butler, Nancy, Corvallis, Oregon, United States. Received October 24, 1983.

origin: United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oregon seedlot CVAC 956. **local name:** Blue Huckleberry, Mountain Huckleberry. **Perennial.** Breeding Material. Plant.

PI 555041 to 555042. *Vaccinium membranaceum* Dougl. ERICACEAE
Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon, United States. Received September 10, 1984.

PI 555041 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** August 26, 1984. **locality:**
Willamette Nat'l Forest, little direct sun, along creek.
latitude: 43 deg. 05 min. N. **longitude:** 122 deg. 00 min.
W. **elevation:** 1562m. **remarks:** Fruit reddish to purple,
solitary plant. Perennial. Wild. Seed.

PI 555042 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** August 23, 1984. **locality:**
Rogue River Nat'l Forest, open coniferous forest.
latitude: 42 deg. 00 min. N. **longitude:** 123 deg. 30 min.
W. **elevation:** 1500m. **remarks:** Small shrub 0.3 to 0.5 m,
on north shore of Fish Lake. Perennial. Wild. Seed.

PI 555043. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept.
Horticulture, Raleigh, North Carolina, United States. Received
August 07, 1985.

origin: United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** July 30, 1985. **locality:**
Deschutes Nat'l Forest, above road to Corbett State Park.
latitude: 43 deg. 50 min. N. **longitude:** 122 deg. 20 min.
W. **elevation:** 440m. **remarks:** Low growing plants, bad
mummy berry on fruit population sam. Perennial. Wild.
Seed.

PI 555044 to 555052. *Vaccinium membranaceum* Dougl. ERICACEAE
Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept.
Horticulture, Raleigh, North Carolina, United States. Received
August 10, 1985.

PI 555044 **origin:** United States. **pedigree:** Collected from the wild
in Oregon. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** July 31, 1985. **locality:**
Willamette Nat'l Forest, clearcut area, 45 degree slope.
latitude: 44 deg. 30 min. N. **longitude:** 122 deg. 10 min.
W. **elevation:** 1160m. **remarks:** Population sample, fruit
often subgl., plants 2-5 ft. Perennial. Wild. Seed.

PI 555044 to 555052-continued

- PI 555045 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, Twin Meadows Rd, west aspect. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 820m. **remarks:** Fruit from clone which appears to ripen to dark red color. Perennial. Wild. Seed.
- PI 555046 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest roadside to woods edge. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1040m. **remarks:** Population sample, red-fruited clones. Perennial. Wild. Seed.
- PI 555047 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, from alongside Parrish Lake Road. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 20 min. W. **elevation:** 1040m. **remarks:** Fruit from single plant, v. heavy producer, ornamental fruit. Perennial. Wild. Seed.
- PI 555048 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, edge of clearcut, northwest aspect. **latitude:** 44 deg. 20 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1370m. **remarks:** Population collection, plants 24-48 inches tall. Perennial. Wild. Seed.
- PI 555049 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, from roadside and woods edge. **latitude:** 44 deg. 30 min. N. **longitude:** 121 deg. 50 min. W. **elevation:** 1130m. **remarks:** Population sample, typical morphology. Perennial. Wild. Seed.
- PI 555050 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 30, 1975. **locality:** Deschutes Nat'l Forest, open woodland along roadside. **latitude:** 42 deg. 50 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1530m. **remarks:** Fruit partially ripe, large population on site. Perennial. Wild. Seed.

PI 555044 to 555052-continued

PI 555051 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 13, 1985. **locality:** Olympic Nat'l Forest, clearcut, steep slopes, dry. **latitude:** 47 deg. 40 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 1000m. **remarks:** Plants drying up, population sample. Perennial. Wild. Seed.

PI 555052 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 30, 1985. **locality:** Deschutes Nat'l Forest, open woodland near Link Lake. **latitude:** 41 deg. N. **longitude:** 121 deg. W. **elevation:** 150m. Perennial. Wild. Plant.

PI 555053 to 555059. *Vaccinium membranaceum* Dougl. ERICACEAE
Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

PI 555053 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 05, 1985. **locality:** Gifford Pinchot Nat'l Forest,, roadside near Wind River. **latitude:** 46 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1040m. **remarks:** 25 berries per clone collected, fine size, plts 3-6 feet. Perennial. Wild. Seed.

PI 555054 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 05, 1985. **locality:** Gifford Pinchot Nat'l Forest, slopes above road in old burn. **latitude:** 46 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1160m. **remarks:** Population sample 25 berries per clone, variable color, size. Perennial. Wild. Seed.

PI 555055 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 06, 1985. **locality:** Gifford Pinchot Nat'l Forest, Pacific Crest Trail. **latitude:** 45 deg. 50 min. N. **longitude:** 121 deg. 40 min. W. **elevation:** 1400m. **remarks:** Several acres in extent, population sample. Perennial. Wild. Seed.

PI 555053 to 555059-continued

PI 555056 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 06, 1985. **locality:** Gifford Pinchot Nat'l forest, clearcut area, North aspect. **latitude:** 46 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1280m. **remarks:** Pop'n sample, 10 berries per clone, plants 2-5 feet. Perennial. Wild. Seed.

PI 555057 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 07, 1985. **locality:** Gifford Pinchot Nat'l Forest, old clearcut, S-SW aspect. **latitude:** 46 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1400m. **remarks:** Population collection, 25 berries per clone. Perennial. Wild. Seed.

PI 555058 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 07, 1985. **locality:** Gifford Pinchot Nat'l Forest, clearcut, south aspect. **latitude:** 46 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1220m. **remarks:** 10 berries/clone, plants dry this year. Perennial. Wild. Seed.

PI 555059 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 11, 1985. **locality:** Olympic Nat'l Forest, open woodland along road. **latitude:** 47 deg. 50 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 1460m. **remarks:** Fruit from small population, just beginning to ripen. Perennial. Wild. Seed.

PI 555060 to 555064. *Vaccinium membranaceum* Dougl. ERICACEAE
Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 29, 1985.

PI 555060 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 13, 1985. **locality:** Olympic Nat'l Forest, 10 yr old clearcut, south aspect. **latitude:** 47 deg. 40 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 1130m. **remarks:** Population sample, typical morphology. Perennial. Wild. Seed.

PI 555060 to 555064-continued

PI 555061 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 26, 1985. **locality:** Rogue River Nat'l Forest, East aspect, 45 degree slope. **latitude:** 42 deg. 50 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 1600m. **remarks:** Population sample, plants 1-2 ft., little fruit. Perennial. Wild. Seed.

PI 555062 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 26, 1985. **locality:** Rogue River Nat'l Forest, East aspect, 20 degree slope. **latitude:** 42 deg. 50 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 1580m. **remarks:** Population sample, dull black fruit with slight bloom. Perennial. Wild. Seed.

PI 555063 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 30, 1985. **locality:** Deschutes Nat'l Forest, trailside in partial shade. **latitude:** 43 deg. 30 min. N. **longitude:** 121 deg. 30 min. W. **elevation:** 1000m. **remarks:** Population sample, mummy berry and witches broom present. Perennial. Wild. Seed.

PI 555064 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, old clearcut below Knutson Saddle. **latitude:** 43 deg. 10 min. N. **longitude:** 121 deg. 30 min. W. **elevation:** 1500m. **remarks:** Fairly large fruit size, typically subgl. plants 2 to 4 feet. Perennial. Wild. Seed.

PI 555065. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received July 01, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 30, 1985. **locality:** Deschutes Nat'l Forest. **latitude:** 43 deg. 50 min. N. **longitude:** 122 deg. 20 min. W. Perennial. Wild. Plant.

PI 555066. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

PI 555066-continued

origin: United States. **pedigree:** Collected from the wild in California. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 08, 1986. **locality:** Plumas Nat'l Forest, along Coldwater Creek, N slope. **latitude:** 39 deg. 50 min. N. **longitude:** 121 deg. 35 min. W. **elevation:** 1470m. **remarks:** Low shrub to 0.5 m, spreading with sparse, bright red fruit. Perennial. Wild. Cutting.

PI 555067. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 12, 1989.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** July 04, 1989. **locality:** Royal Falls on McDowell Creek 10 miles east of Sweet Home. **latitude:** 44 deg. N. **longitude:** 123 deg. W. **elevation:** 200m. **remarks:** Fruit large and orange-red, fully ripe on July 4. Perennial. Wild. Cutting.

PI 555068. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Luby, J.J., University of Minnesota, St. Paul, Minnesota, United States. Received August 10, 1989.

origin: United States. **pedigree:** Collected from the wild in Wyoming. **collected:** 1989. **locality:** Shoshone Nat'l Forest, Fox Creek, near campground. **latitude:** 44 deg. 30 min. N. **longitude:** 109 deg. 30 min. W. **elevation:** 2073m. Perennial. Wild. Plant.

PI 555069. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Reed, Barbara, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 08, 1989.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 01, 1989. **locality:** At shoreline of alpine lake, west slope of North Sister Mt. **latitude:** 41 deg. N. **longitude:** 122 deg. 25 min. W. **elevation:** 1500m. Perennial. Wild. Plant.

PI 555070 to 555075. *Vaccinium membranaceum* Dougl. ERICACEAE
Blueberry

Donated by: Luby, J.J., University of Minnesota, St. Paul,
Minnesota, United States. Received August 24, 1989.

PI 555070 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Idaho seedlot CVAC 973. Perennial. Breeding
Material. Plant.

PI 555071 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Montana seedlot CVAC 974. Perennial. Breeding
Material. Plant.

PI 555072 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** August 1989. **locality:** Coeur
d'Alene Nat'l Forest, Dobson Pass. **latitude:** 47 deg. 30
min. N. **longitude:** 116 deg. 00 min. W. **elevation:**
1235m. Perennial. Wild. Seed.

PI 555073 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** August 1989. **locality:** Kaniksu
Nat'l Forest, Luby Bay on Priest Lake, wet, lush.
latitude: 48 deg. 15 min. N. **longitude:** 116 deg. 30 min.
W. **elevation:** 700m. Perennial. Wild. Seed.

PI 555074 **origin:** United States. **pedigree:** Collected from the wild
in Idaho. **local name:** Blue Huckleberry, Mountain
Huckleberry. **collected:** August 1989. **locality:** Coeur
d'Alene Nat'l Forest, Revett Lake, along trailsides.
latitude: 47 deg. 30 min. N. **longitude:** 116 deg. 00 min.
W. **elevation:** 1585m. Perennial. Wild. Seed.

PI 555075 **origin:** United States. **historical origin:** United States.
origin institute: USDA/ARS/NGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon. **pedigree:** Seedling selection
from wild Montana seedlot CVAC 975. Perennial. Breeding
Material. Plant.

PI 555076. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Chambers, Henrietta, USDA/ARS/NCGR-Corvallis, 33447
Peoria Road, Corvallis, Oregon, United States. Received September
27, 1989.

PI 555076-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** September 27, 1989. **locality:** Roadside on McKenzie Pass near Frog Camp. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. **Perennial.** Wild. Cutting.

PI 555077. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received October 05, 1989.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 26, 1989. **locality:** Jawbone Flats, alongside road in a dense old growth forest. **latitude:** 44 deg. 13 min. N. **longitude:** 123 deg. 46 min. W. **elevation:** 900m. **remarks:** Population collection, fruit blue-black, strong flavored but edible, slightly oblate, to 12mm diameter. **Perennial.** Wild. Seed.

PI 555078. *Vaccinium membranaceum* Dougl. ERICACEAE Blueberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received September 20, 1990.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blue Huckleberry, Mountain Huckleberry. **collected:** August 25, 1990. **locality:** South end of Waldo Lake near Shadow Bay Campground. **latitude:** 43 deg. 45 min. N. **longitude:** 122 deg. 05 min. W. **elevation:** 1660m. **remarks:** Dominant understory species in forest around Waldo Lake Herbarium specimen also received. **Perennial.** Wild. Seed.

PI 555079. *Vaccinium microcarpum* (Turcz. ex Rupr.) Schmalh. ERICACEAE Cranberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

origin: Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 17, 1985. **locality:** Kolari, in marsh at edge of lake. **latitude:** 66 deg. 30 min. N. **longitude:** 24 deg. 00 min. E. **elevation:** 250m. **remarks:** Typical morphology. **Perennial.** Wild. Plant.

PI 555080. *Vaccinium moupinense* Franch. ERICACEAE

Donated by: Hohn, Tim, Washington Park Arboretum, Seattle, Washington, United States. Received February 09, 1987.

origin: China. Perennial. Cultivated. Cutting.

PI 555081. *Vaccinium myrsinites* Lam. ERICACEAE Lowbush Blueberry

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received April 17, 1990.

origin: United States. **historical origin:** United States.
origin institute: Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 88-14 # 3. Perennial. Breeding Material. Cutting.

PI 555082. *Vaccinium myrtilloides* Michx. ERICACEAE

Donated by: Luby, J.J., University of Minnesota, St. Paul, Minnesota, United States. Received March 15, 1990.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** Velvetleaf Blueberry. **collected:** August 1989. **locality:** Bitterroot Nat'l Forest, Hell's Half Acre Mountain, old burn. **latitude:** 45 deg. 50 min. N. **longitude:** 115 deg. 15 min. W. **elevation:** 2403m. **remarks:** Incorrectly received as *Vaccinium*, keyed out as a *Ribes* by K.E. Hummer 12/90. Perennial. Wild. Seed.

PI 555083 to 555085. *Vaccinium myrtilloides* Michx. ERICACEAE

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1990.

PI 555083 **origin:** United States. **pedigree:** Collected from the wild in Maine. **local name:** Velvetleaf Blueberry. **collected:** September 1990. **locality:** Jonesboro, Research Farm of U. of Maine, open field. **latitude:** 44 deg. 30 min. N. **longitude:** 68 deg. 08 min. W. **elevation:** 200m. **remarks:** Natural to location. *Myrtilloides* can be distinguished from *angustifolium* by pubescence on stem and leaves. Perennial. Wild. Plant.

PI 555083 to 555085-continued

PI 555084 **origin:** United States. **pedigree:** Collected from the wild in Maine. **local name:** Velvetleaf Blueberry. **collected:** September 1990. **locality:** U of ME Blueberry Hill Research Center, Jonesboro. **latitude:** 44 deg. 30 min. N. **longitude:** 68 deg. 08 min. W. **elevation:** 200m. **remarks:** Found in open field of lowbush blueberries. Fruit mutation resulting in albino form. Perennial. Wild. Plant.

PI 555085 **origin:** United States. **pedigree:** Collected from the wild in New Hampshire. **local name:** Velvetleaf Blueberry. **collected:** September 1990. **locality:** 1mi S of Colebrook on Rt 3, rock ledges beside road. **latitude:** 44 deg. 27 min. N. **longitude:** 71 deg. 30 min. W. **remarks:** OP fruit and clones collected. Assoc. sphagnum, mosses, Indian Paintbrush. Perennial. Wild. Plant.

PI 555086 to 555087. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

PI 555086 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **local name:** Myrtle Whortleberry. **collected:** August 17, 1983. **locality:** Kirriemuir, scattered among heather at edge of forest. **latitude:** 56 deg. 36 min. N. **longitude:** 03 deg. 00 min. W. **elevation:** 260m. **remarks:** Plants grazed, few fruit. Perennial. Wild. Seed.

PI 555087 **origin:** Germany. **pedigree:** Collected from the wild in Germany. **local name:** Myrtle Whortleberry. **collected:** September 01, 1982. **locality:** Luneburg Heath, Hamburg, among heather in open areas. **latitude:** 53 deg. 30 min. N. **longitude:** 10 deg. 00 min. E. **elevation:** 150m. **remarks:** Variable height scrub 0.2 to 1 m, past maturity. Perennial. Wild. Seed.

PI 555088 to 555089. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 02, 1984.

PI 555088 **origin:** Poland. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Polish seedlot CVAC 959. **local name:** Myrtle Whortleberry. Perennial. Breeding Material. Plant.

PI 555088 to 555089-continued

PI 555089 **origin:** Poland. **pedigree:** Collected from the wild in Poland. **local name:** Myrtle Whortleberry. **collected:** July 20, 1984. **locality:** Chojnice, in young pine forest with little understory trees. **latitude:** 53 deg. 42 min. N. **longitude:** 17 deg. 37 min. E. **elevation:** 100m. **remarks:** Low deciduous shrub to 10 cm. Perennial. Wild. Seed.

PI 555090 to 555092. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

PI 555090 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Myrtle Whortleberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, from roadside, west aspect. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 820m. **remarks:** Fruit small population sample, pendent, v. small, reddish-purp. Perennial. Wild. Seed.

PI 555091 **origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Oregon seedlot CVAC 962. **local name:** Myrtle Whortleberry. Perennial. Breeding Material. Plant.

PI 555092 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Myrtle Whortleberry. **locality:** Along Parrish Lake Road. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1040m. **remarks:** mediocre flav. herbarium. Perennial. Wild. Plant.

PI 555093. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Myrtle Whortleberry. **collected:** July 29, 1985. **locality:** Willamette Nat'l Forest, along trail to Benson Lake. **latitude:** 43 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 1600m. **remarks:** Low-growth, stoloniferous to 15 inches, suckering. Perennial. Wild. Plant.

PI 555094 to 555102. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

- PI 555094 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Myrtle Whortleberry. **collected:** August 08, 1985. **locality:** Punkaharju Park, Savonlinna. **latitude:** 64 deg. 00 min. N. **longitude:** 40 deg. 00 min. E. **elevation:** 70m. **remarks:** Typical, 30 cm tall, common in area. Perennial. Wild. Seed.
- PI 555095 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Myrtle Whortleberry. **collected:** August 07, 1985. **locality:** South Savo Research Station, Makkli in undisturbed areas. **latitude:** 67 deg. 00 min. N. **longitude:** 43 deg. 00 min. E. **elevation:** 80m. **remarks:** Typical of species, 20 cm tall, several locations sampled. Perennial. Wild. Seed.
- PI 555096 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Myrtle Whortleberry. **collected:** August 13, 1985. **locality:** Biological Research Station, Konneveski. **latitude:** 63 deg. 00 min. N. **longitude:** 28 deg. 00 min. E. **elevation:** 100m. **remarks:** Typical, 25 cm, common in area, light crop. Perennial. Wild. Seed.
- PI 555097 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Myrtle Whortleberry. **collected:** August 15, 1985. **locality:** Onlanka Nat'l Park, Kuusarro, above Oulanknjoki River. **latitude:** 66 deg. 00 min. N. **longitude:** 32 deg. 00 min. E. **elevation:** 200m. **remarks:** Typical morph, some variation in fruit size, color. Perennial. Wild. Seed.
- PI 555098 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Myrtle Whortleberry. **collected:** August 17, 1985. **locality:** Yllastuntri, North slope, about tree line on mountain. **latitude:** 66 deg. 30 min. N. **longitude:** 24 deg. 00 min. E. **elevation:** 375m. **remarks:** Typical, 10 cm tall, common, moderate crop. Perennial. Wild. Seed.
- PI 555099 **origin:** Sweden. **pedigree:** Collected from the wild in Sweden. **local name:** Myrtle Whortleberry. **collected:** August 17, 1985. **locality:** Knislinge, in mature deciduous forest at a manor house. **latitude:** 56 deg. 15 min. N. **longitude:** 14 deg. 00 min. E. **elevation:** 200m. **remarks:** Extensive population, few fruit, 30 cm tall, typical. Perennial. Wild. Seed.

PI 555094 to 555102-continued

PI 555100 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Myrtle Whortleberry. **collected:** August 18, 1985. **locality:** Saana Mtn, tundra above tree line and some from birch groves. **latitude:** 65 deg. 00 min. N. **longitude:** 20 deg. 00 min. E. **elevation:** 570m. **remarks:** Typical but small, fair to good crop, late ripening. Perennial. Wild. Seed.

PI 555101 **origin:** Norway. **pedigree:** Collected from the wild in Norway. **local name:** Myrtle Whortleberry. **collected:** July 27, 1985. **locality:** Among some large shrubs along a rock bluff at edge of Bergen. **latitude:** 60 deg. 06 min. N. **longitude:** 24 deg. 00 min. E. **elevation:** 50m. **remarks:** Typical of species, some variation. Perennial. Wild. Seed.

PI 555102 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **local name:** Myrtle Whortleberry. **collected:** July 27, 1985. **locality:** Forest Research Station, Kolari, in open pine forest. **latitude:** 66 deg. 30 min. N. **longitude:** 24 deg. 00 min. E. **elevation:** 150m. **remarks:** Typical, 25 cm tall, common, light crop. Perennial. Wild. Seed.

PI 555103 to 555108. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received August 26, 1987.

PI 555103 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Colorado seedlot CVAC 970. **local name:** Myrtle Whortleberry. Perennial. Breeding Material. Plant.

PI 555104 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** Myrtle Whortleberry. **collected:** August 09, 1987. **locality:** Filtered sun under Populus, Pinus, along Difficult Creek Tr. **latitude:** 39 deg. 08 min. N. **longitude:** 106 deg. 45 min. N. **elevation:** 2580m. **remarks:** Fruit a bit oblate, dark red to maroon, 5-7 mm. Perennial. Wild. Seed.

PI 555105 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** Myrtle Whortleberry. **collected:** August 09, 1987. **locality:** Pitkin County, open area along Difficult Creek Trail. **latitude:** 39 deg. 08 min. N. **longitude:** 106 deg. 45 min. N. **elevation:** 2650m. **remarks:** Fruit a bit oblate, dark red to maroon, 5-7 mm. Perennial. Wild. Seed.

PI 555103 to 555108-continued

PI 555106 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** Myrtle Whortleberry. **collected:** August 09, 1987. **locality:** Pitkin County, filtered sun along Difficult Creek Trail. **latitude:** 39 deg. 08 min. N. **longitude:** 106 deg. 45 min. W. **elevation:** 2580m. **remarks:** Esp. tall plant, fruits oblate, dark red from several plants. Perennial. Wild. Seed.

PI 555107 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** Myrtle Whortleberry. **collected:** August 01, 1987. **locality:** Open south slope near *Picea engelmannii* and *Pinus contorta*. **latitude:** 39 deg. 05 min. N. **longitude:** 106 deg. 38 min. W. **elevation:** 3000m. **remarks:** Fruit borne singly in leaf axils, 6-8mm, dark red to purple. Perennial. Wild. Seed.

PI 555108 **origin:** United States. **pedigree:** Collected from the wild in Colorado. **local name:** Myrtle Whortleberry. **collected:** August 09, 1987. **locality:** Filtered sun and open spots under *Populus tremuloides*. **latitude:** 39 deg. 08 min. N. **longitude:** 106 deg. 45 min. W. **elevation:** 2600m. **remarks:** Fruits borne singly in leaf axils on new growth, dark purple. Perennial. Wild. Seed.

PI 555109. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Luby, J.J., University of Minnesota, St. Paul, Minnesota, United States. Received August 24, 1989.

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** Myrtle Whortleberry. **collected:** August 1989. **locality:** Bitterroot Nat'l Forest, Hell's Half Acre Mountain, old burn. **latitude:** 45 deg. 50 min. N. **longitude:** 115 deg. 15 min. W. **elevation:** 2440m. Perennial. Wild. Seed.

PI 555110 to 555111. *Vaccinium myrtillus* L. ERICACEAE

Donated by: Luby, J.J., University of Minnesota, St. Paul, Minnesota, United States. Received October 09, 1990.

PI 555110 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 1990. **locality:** Sma' Glen N. of Crieff, junction of roads A822 and B8063. **latitude:** 56 deg. 22 min. N. **longitude:** 03 deg. 50 min. W. **remarks:** Fruit and plants typical of the species. Location: Great Br. Ord. Survey Coord. NN913-915 284-286. Perennial. Wild. Seed.

PI 555110 to 555111-continued

PI 555111 **origin:** United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** July 18, 1990. **locality:** Glen Ista. **latitude:** 56 deg. 30 min. N. **longitude:** 04 deg. 30 min. W. **remarks:** Fruit and plants typical of the species. Perennial. Wild. Seed.

PI 555112. *Vaccinium neilgherrense* Wight ERICACEAE

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received April 17, 1990.

origin: India. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. Perennial. Breeding Material. Cutting.

PI 555113. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Chiba, Shigeru, OJI Institute, Kuriyama, Japan. Received April 07, 1983.

origin: Japan. **pedigree:** Collected from the wild in Japan. **local name:** Natsu Haze. **collected:** September 30, 1981. **locality:** Oji Forest Tree Institute. **latitude:** 36 deg. N. **longitude:** 136 deg. E. Perennial. Wild. Seed.

PI 555114. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Shimura, Isao, Toyko University of Agriculture, Tokyo, Japan. Received April 07, 1983.

origin: Japan. **pedigree:** Collected from the wild in Japan. **local name:** Natsu Haze. **collected:** September 1981. **locality:** Nagano Prefecture, at Mt. Sirane. **latitude:** 35 deg. 30 min. N. **longitude:** 138 deg. 18 min. E. **elevation:** 972m. Perennial. Wild. Seed.

PI 555115. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: Japan. **pedigree:** Open pollinated from botanical collection. **local name:** Natsu Haze. **collected:** August 1981. **latitude:** 36 deg. N. **longitude:** 136 deg. E. Perennial. Cultivated. Seed.

PI 555116 to 555117. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Miller, C. Ferris, Chollipo Arboretum, Seoul, Korea, Republic of. Received July 14, 1983.

PI 555116 **origin:** Korea, Republic of. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 555117 **origin:** Korea, Republic of. **pedigree:** Open pollinated from botanical collection. Perennial. Cultivated. Seed.

PI 555118. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received December 09, 1983.

origin: Japan. **pedigree:** Seedling selection from seedlot collected wild in Japan. **local name:** Natsu Haze. **locality:** Toyama City. **latitude:** 36 deg. 40 min. N. **longitude:** 137 deg. 15 min. E. Perennial. Cultivated. Plant.

PI 555119. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Okazawa, Y., Hokkaido University, Botanic Garden, Sapporo, Hokkaido, Japan. Received April 17, 1984.

origin: Japan. **pedigree:** Open pollinated from botanical collection. **local name:** Natsu Haze. Perennial. Cultivated. Seed.

PI 555120. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Miller, C. Ferris, Chollipo Arboretum, Seoul, Korea, Republic of. Received June 11, 1985.

origin: Korea, Republic of. **pedigree:** Open pollinated from botanical collection. **collected:** January 01, 1984. Perennial. Cultivated. Seed.

PI 555121. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Dudley, T.R., National Arboretum, Washington, District of Columbia, United States. Received January 02, 1986.

origin: Korea, Republic of. **pedigree:** Collected form the wild in Korea. **collected:** 1985. **latitude:** 36 deg. N. **longitude:** 128 deg. E. Perennial. Wild. Seed.

PI 555122 to 555124. *Vaccinium oldhamii* Miq. ERICACEAE

Donated by: Miller, C. Ferris, Chollipo Arboretum, Seoul, Korea, Republic of. Received May 01, 1986.

PI 555122 **origin:** Korea, Republic of. **pedigree:** Collected from the wild in South Korea. **locality:** Cholla Namdo Province. **latitude:** 36 deg. N. **longitude:** 128 deg. E. Perennial. Wild. Seed.

PI 555123 **origin:** Korea, Republic of. **pedigree:** Collected from the wild in Korea. **locality:** Cholla Putko Province. **latitude:** 36 deg. N. **longitude:** 128 deg. E. Perennial. Wild. Seed.

PI 555124 **origin:** Korea, Republic of. **pedigree:** Collected from the wild in Korea. **locality:** Wando Island, Cholla Namdo Province. **latitude:** 36 deg. N. **longitude:** 128 deg. E. Perennial. Wild. Seed.

PI 555125. *Vaccinium oldhamii* Miq. ERICACEAE Cranberry

Donated by: Garvey, Ned, National Arboretum, Washington, District of Columbia, United States. Received November 24, 1989.

origin: Korea, Republic of. **pedigree:** Seedling selection from seed collected wild in Korea. **collected:** October 03, 1985. **locality:** Chungma Dong, dry west-facing hillside in cut-over woodlands. **latitude:** 34 deg. 35 min. N. **longitude:** 126 deg. 32 min. E. **elevation:** 150m. **remarks:** Small irregular twiggy deciduous shrub to 1 m tall. Perennial. Cultivated. Plant.

PI 555126. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: Japan. **pedigree:** Open pollinated from botanical collection. **local name:** Kuro Ushugu. **collected:** August 1981. **latitude:** 36 deg. N. **longitude:** 136 deg. E. Perennial. Cultivated. Seed.

PI 555127 to 555130. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 15, 1983.

PI 555127 to 555130-continued

PI 555127 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 11, 1983. **locality:** Above Cougar Reservoir, along shoulder of road in forest. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1350m. **remarks:** Shrub 0.5 to 1 m, fruit single, black with bloom. Perennial. Wild. Seed.

PI 555128 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 11, 1983. **locality:** Above Cougar Reservoir, along shoulder of road in forest. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1250m. **remarks:** Few shrubs, 0.5 to 1 m, fruit single black with bloom. Perennial. Wild. Seed.

PI 555129 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 11, 1983. **locality:** Above Cougar Reservoir, in older clearcut west slope. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1075m. **remarks:** Numerous bushes 0.5 to 1.5 m fruits single large lvs entire. Perennial. Wild. Seed.

PI 555130 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 11, 1983. **locality:** Undisturbed forest adjacent to Three Sisters Wilderness. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1380m. **remarks:** Small shrubs 0.5 to 0.8 m fruit black with bloom. Perennial. Wild. Seed.

PI 555131. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Okazawa, Y., Hokkaido University, Botanic Garden, Sapporo, Hokkaido, Japan. Received April 17, 1984.

origin: Japan. **pedigree:** Open pollinated from botanical collection. **local name:** Kuro Ushugu. Perennial. Cultivated. Seed.

PI 555132. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Doughty, Charles, Washington State University, Experiment Station, Puyallup, Washington, United States. Received January 01, 1982.

PI 555132-continued

origin: United States. **origin institute:** Washington State University, Agricultural Experiment Station, Puyallup, Washington. **pedigree:** Seed from seedling selections. Perennial. Breeding Material. Plant.

PI 555133. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 10, 1984.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 26, 1984. **locality:** Willamette Nat'l Forest, along tributary of Salt Creek. **latitude:** 43 deg. 05 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1562m. **remarks:** Tall shrub (2 m) large population, fruit blue, solitary. Perennial. Wild. Seed.

PI 555134. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 27, 1984.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** September 26, 1984. **locality:** Willamette Nat'l Forest, southern edge of clearcut. **latitude:** 44 deg. 00 min. N. **longitude:** 122 deg. 18 min. W. **elevation:** 1380m. **remarks:** Large population, fruit size variable, late ripening. Perennial. Wild. Seed.

PI 555135. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received July 17, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** July 21, 1985. **locality:** Willamette Nat'l Forest, above Cougar Reservoir. **latitude:** 44 deg. 00 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1500m. **remarks:** 1.2m tall, some suckering, smaller than typical species. Perennial. Wild. Plant.

PI 555136 to 555140. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

PI 555136 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, above Opal Lake. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1160m. **remarks:** Fruit from one clone, berry diameter 5 - 9 mm, very lt blue. Perennial. Wild. Seed.

PI 555137 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, clearcut, east-southeast aspect. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1160m. **remarks:** Fruit from second clone, typical. Perennial. Wild. Seed.

PI 555138 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, open woodland, east aspect. **latitude:** 44 deg. 20 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1000m. **remarks:** Population collected, all glaucous blue, plants 3-5ft. Perennial. Wild. Seed.

PI 555139 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, from roadsides. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1100m. **remarks:** Population sample, plants 24-30 inches tall, suckering. Perennial. Wild. Seed.

PI 555140 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, roadbank, open woodland. **latitude:** 44 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1100m. **remarks:** Clone with very large fruit and high productivity. Perennial. Wild. Seed.

PI 555141. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 19, 1985.

PI 555141-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, clearcut, east-southeast aspect. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1160m. **remarks:** Population collected all glaucous, plants 3 -5 feet. Perennial. Wild. Seed.

PI 555142 to 555152. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

PI 555142 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 05, 1985. **locality:** Gifford Pinchot Nat'l Forest, slopes above road in old burn. **latitude:** 46 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1160m. **remarks:** Open pollinated fruit from single plant. Perennial. Wild. Seed.

PI 555143 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 05, 1985. **locality:** Gifford Pinchot Nat'l Forest, roadside on right in shade. **latitude:** 46 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1250m. **remarks:** Typical for species. Perennial. Wild. Seed.

PI 555144 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 06, 1985. **locality:** Gifford Pinchot Nat'l Forest, clearcut area, north aspect. **latitude:** 46 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1280m. **remarks:** Small population, collected 25 berries per clone. Perennial. Wild. Seed.

PI 555145 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 06, 1985. **locality:** Gifford Pinchot Nat'l Forest, roadside, south aspect. **latitude:** 46 deg. 10 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1000m. **remarks:** Typical morphology, 25 berries per clone. Perennial. Wild. Seed.

PI 555142 to 555152-continued

- PI 555146 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 07, 1985. **locality:** Gifford Pinchot Nat'l Forest, old clearcut, S-SW aspect. **latitude:** 46 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1400m. **remarks:** Population collection 25 berries per clone. Perennial. Wild. Seed.
- PI 555147 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 07, 1985. **locality:** Gifford Pinchot Nat'l Forest, top of roadbank, shade. **latitude:** 46 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1100m. **remarks:** Flavor OK, large fruit, dark blue. Perennial. Wild. Seed.
- PI 555148 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 07, 1985. **locality:** Gifford Pinchot Nat'l Forest, roadside, shade, top of road. **latitude:** 46 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1100m. **remarks:** Population sample. Perennial. Wild. Seed.
- PI 555149 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 09, 1985. **locality:** Olympic Nat'l Forest, woods edge above road, north aspect. **latitude:** 47 deg. 20 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 975m. **remarks:** Population sample from clone holding fruit upright. Perennial. Wild. Seed.
- PI 555150 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 19, 1985. **locality:** Olympic Nat'l Forest, woods edge above road, north aspect. **latitude:** 47 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 975m. **remarks:** Partially to fully pendant fruit. Perennial. Wild. Seed.
- PI 555151 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 10, 1985. **locality:** Olympic Nat'l Forest, ridgetop, 10 degree slope, clearcut. **latitude:** 47 deg. 20 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 150m. **remarks:** Fruit from small population sample, 10 berries per clone. Perennial. Wild. Seed.

PI 555142 to 555152-continued

PI 555152 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Blueberry. **collected:** August 13, 1985. **locality:** Olympic Nat'l Forest, clearcut with steep slope, 45 to 60o. **latitude:** 47 deg. 40 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 910m. **remarks:** Fruit from population sample along ridgetop. Perennial. Wild. Seed.

PI 555153. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 30, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 03, 1985. **locality:** Siuslaw Nat'l Forest, top of Mt. Hebo, 0 to 20 degree slope. **latitude:** 45 deg. 20 min. N. **longitude:** 123 deg. 39 min. W. **elevation:** 1000m. **remarks:** Small population sample. Perennial. Wild. Seed.

PI 555154. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** September 15, 1985. **locality:** Mt. Hood Nat'l Forest, along trail to Burnt Lake. **latitude:** 45 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 950m. **remarks:** Medium to large shrub, light to heavy fruit crop, very ripe. Perennial. Wild. Seed.

PI 555155. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 19, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** August 28, 1985. **locality:** Willamette Nat'l Forest, above Cougar Reservoir. **latitude:** 44 deg. 12 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 1500m. **remarks:** Shrub to 0.6 m deciduous, light to moderate crop. Perennial. Wild. Seed.

PI 555156. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Chambers, Henrietta, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 27, 1989.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Blueberry. **collected:** September 27, 1989. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. Perennial. Wild. Seed.

PI 555157 to 555159. *Vaccinium ovalifolium* Smith ERICACEAE

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 06, 1990.

PI 555157 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Cutting.

PI 555158 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **local name:** Whortleberry. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.

PI 555159 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **local name:** Whortleberry. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.

PI 555160 to 555163. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: De Kam, Jerry, Oregon State University, Hyslop Farm, Corvallis, Oregon, United States. Received December 30, 1980.

PI 555160 **origin:** United States. **origin institute:** Oregon State University, Dept. Horticulture, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot originally collected in OR. **remarks:** Original seedlot was collected from various sites along the Oregon coast. Perennial. Breeding Material. Plant.

PI 555161 **origin:** United States. **origin institute:** Oregon State University, Dept. Horticulture, Corvallis, Oregon. **pedigree:** Seedling sel. from seedlot originally collected in Oregon. **remarks:** Original seedlot was collected from various sites along the Oregon coast. Perennial. Breeding Material. Plant.

PI 555160 to 555163-continued

PI 555162 **origin:** United States. **origin institute:** Oregon State University, Dept. Horticulture, Corvallis, Oregon.
pedigree: Seedling sel. from seedlot originally collected in Oregon. **remarks:** Original seedlot was collected from various sites along the Oregon Coast. Perennial. Breeding Material. Plant.

PI 555163 **origin:** United States. **origin institute:** Oregon State University, Dept. Horticulture, Corvallis, Oregon.
pedigree: Seedling sel. from seedlot originally collected in Oregon. **remarks:** Original seedlot was collected from various sites along the Oregon coast. Perennial. Breeding Material. Plant.

PI 555164. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: De Kam, Jerry, Oregon State University, Hyslop Farm, Corvallis, Oregon, United States. Received February 17, 1982.

origin: United States. **origin institute:** Oregon State University, Dept. Horticulture, Corvallis, Oregon.
pedigree: Seedling selection from seedlot originally collected wild. Perennial. Breeding Material. Plant.

PI 555165. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: United States. **pedigree:** Collected from the wild on the Oregon Coast. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 14, 1980.
locality: Florence, Oregon. **latitude:** 44 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 20m. Perennial. Wild. Plant.

PI 555166. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Oregon State University, Hyslop Farm, Corvallis, Oregon, United States. Received February 17, 1982.

origin: United States. **pedigree:** Collected from the wild in the Oregon Coast Range. **local name:** Oval-leafed Bilberry, California Huckleberry. **locality:** Oregon Coast Range. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555167. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received March 07, 1983.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 01, 1980. **locality:** West of Garibaldi, 1/4 mile from beach. **latitude:** 45 deg. 06 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 40m. Perennial. Wild. Plant.

PI 555168. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: United States. **collected:** January 11, 1982. **locality:** Corvallis, Oregon. Perennial. Cultivated. Seed.

PI 555169. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Hoffman, Tom, Gold Beach, Oregon, United States. Received June 19, 1984.

origin: United States. Perennial. Cultivated. Plant.

PI 555170. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received July 22, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, between sand dunes and Sutter Creek. **latitude:** 44 deg. 10 min. N. **longitude:** 123 deg. 50 min. W. **remarks:** Typical, variable for size, some fruit very large. Perennial. Wild. Cutting.

PI 555171. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received July 23, 1985.

PI 555171-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leaved Bilberry, California Huckleberry. **collected:** July 23, 1985. **locality:** Siskiyou Nat'l Forest. **latitude:** 42 deg. 40 min. N. **longitude:** 123 deg. 20 min. W. **elevation:** 130m. **remarks:** Population sample variable for size, color shape. Perennial. Wild. Seed.

PI 555172 to 555179. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

PI 555172 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leaved Bilberry, California Huckleberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, clearcut area, SW aspect. **latitude:** 43 deg. 50 min. N. **longitude:** 123 deg. 40 min. W. **elevation:** 300m. **remarks:** Plant size variable, fruit color, size, and ripening variab. Perennial. Wild. Cutting.

PI 555173 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leaved Bilberry, California Huckleberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, campground at head of dune, trailside. **latitude:** 44 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Cuttings from clone with immature but glaucous fruit. Perennial. Wild. Cutting.

PI 555174 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leaved Bilberry, California Huckleberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, campground at head of dune, trailside. **latitude:** 44 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Cuttings from clones with immature but glaucous fruit. Perennial. Wild. Cutting.

PI 555175 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leaved Bilberry, California Huckleberry. **collected:** July 23, 1985. **locality:** Siuslaw Nat'l Forest, clearcut area. **latitude:** 44 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Cuttings from a representative clone. Perennial. Wild. Cutting.

PI 555172 to 555179-continued

- PI 555176 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 23, 1985. **locality:** Siskiyou Nat'l Forest, Illahe campground, along roadside. **latitude:** 42 deg. 50 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Blue fruited clone. Perennial. Wild. Cutting.
- PI 555177 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 23, 1985. **locality:** Siskiyou Nat'l Forest, Illahe campground, along road. **latitude:** 42 deg. 50 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Blue fruited clone. Perennial. Wild. Cutting.
- PI 555178 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 23, 1985. **locality:** Siskiyou Nat'l Forest, Illahe campground, along roadside. **latitude:** 42 deg. 50 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Blue fruited clone. Perennial. Wild. Cutting.
- PI 555179 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 24, 1985. **locality:** Siskiyou Nat'l Forest, from head of trail to Vulcan Lake. **latitude:** 42 deg. 30 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 510m. **remarks:** Productive plant with blue fruit. Perennial. Wild. Plant.

PI 555180. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received September 25, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** July 24, 1985. **locality:** Siskiyou Nat'l Forest, off Forest Service road. **latitude:** 42 deg. 50 min. N. **longitude:** 124 deg. W. **elevation:** 300m. **remarks:** Seedlings found growing out of a rotten log at wood's edge. Perennial. Wild. Seed.

PI 555181. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 25, 1985.

PI 555181-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** September 18, 1985. **locality:** Siuslaw Nat'l Forest, at edge of sand dune area. **latitude:** 43 deg. 30 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Typical, variable fruit color, size, crop. Perennial. Wild. Seed.

PI 555182. *Vaccinium ovatum* Pursh ERICACEAE

Donated by: Martsching, J., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received September 30, 1988.

origin: United States. **pedigree:** Collected from the wild in Washington. **local name:** Oval-leafed Bilberry, California Huckleberry. **collected:** September 1988. **locality:** Vaughn, WA on the Puget Sound near Case Inlet. **latitude:** 47 deg. 25 min. N. **longitude:** 123 deg. W. **elevation:** 30m. **remarks:** Sample taken from dwarfed plants, possibly selfed. Perennial. Wild. Seed.

PI 555183 to 555184. *Vaccinium oxycoccos* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

PI 555183 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 14, 1985. **locality:** Konneveski, in marsh at edge of lakes. **latitude:** 68 deg. 00 min. N. **longitude:** 28 deg. 00 min. E. **elevation:** 100m. **remarks:** Vinelike cranberry, fruit green. Perennial. Wild. Plant.

PI 555184 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 17, 1985. **locality:** Ike Kilani, among shrubs and small trees in drained bog. **latitude:** 68 deg. 00 min. N. **longitude:** 28 deg. 00 min. E. **elevation:** 250m. **remarks:** Typical morphology, uncommon in area. Perennial. Wild. Plant.

PI 555185. *Vaccinium oxycoccos* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

PI 555185-continued

origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** Small Cranberry. **collected:** August 26, 1986. **locality:** Chena River State Rec Area, shallow bog on NW slope. **latitude:** 64 deg. 50 min. N. **longitude:** 146 deg. 30 min. W. **elevation:** 260m. **remarks:** Typical, small vine, fruit large for plant, ripe. Perennial. Wild. Seed.

PI 555186. *Vaccinium oxycoccos* L. ERICACEAE Cranberry

Donated by: Maver Nurseries, The Seed Source, Tuckasegee, North Carolina, United States. Received November 20, 1989.

origin: Sweden. **pedigree:** Open pollinated from Botanical Garden. **local name:** European Cranberry. **remarks:** Taxonomic synonym is *Oxycoccus quadripetalum* (JHW). Perennial. Cultivated. Seed.

PI 555187 to 555189. *Vaccinium oxycoccos* L. ERICACEAE

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 06, 1990.

PI 555187 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Cutting.

PI 555188 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Cutting.

PI 555189 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.

PI 555190. *Vaccinium oxycoccos* L. ERICACEAE

Donated by: Mairs, Donald, Maine Dept. of Agriculture, Augusta, Maine, United States. Received October 25, 1990.

origin: United States. **pedigree:** Collected from the wild in Maine. **collected:** October 22, 1990. **locality:** Great Pond Bog, Belgrade, Maine. Perennial. Wild. Plant.

PI 555191 to 555192. *Vaccinium oxycoccos* L. ERICACEAE

Donated by: Koropachunsky, I., Central Siberian Botanical Garden, Novosibirsk, USSR. Received January 1991.

PI 555191 **origin:** USSR. **pedigree:** Open pollinated from botanical collection. **collected:** August 18, 1990. **remarks:** Mother plant collected in Novosibirsk Province, Dovolensky region, Lake Inder. Perennial. Cultivated. Seed.

PI 555192 **origin:** USSR. **pedigree:** Open pollinated from botanical collection. **collected:** August 18, 1990. **remarks:** Mother plant collected in Novosibirsk Province, Dovolensky region, Lake Inder. Perennial. Cultivated. Seed.

PI 555193. *Vaccinium oxycoccos* L. ERICACEAE Cranberry

Donated by: Forest Farm Nursery, Williams, Oregon, United States. Received May 21, 1991.

origin: United States. **pedigree:** Selected from the wild in New Hampshire. **local name:** Small Cranberry. Perennial. Cultivated. Plant.

PI 555194. *Vaccinium oxycoccos* L. ERICACEAE Cranberry

Donated by: Plutko, Ernest, Baudette, Minnesota, United States. Received May 15, 1991.

origin: United States. **pedigree:** Collected from the wild in Minnesota. **local name:** Small Cranberry. **collected:** May 1991. **locality:** Lake of the Woods County, Gudrid Township, Baudette. **latitude:** 48 deg. 35 min. N. **longitude:** 94 deg. 30 min. W. Perennial. Wild. Plant.

PI 555195. *Vaccinium padifolium* J. C. Smith ERICACEAE

Donated by: Wilhelm, Steven, Oakland, California, United States. Received January 16, 1984.

origin: Portugal. **pedigree:** Seedling selection from seedlot collected wild in Madeira. **collected:** December 30, 1974. **locality:** Madiera Island. **latitude:** 34 deg. 50 min. N. **longitude:** 17 deg. 00 min. W. **elevation:** 1000m. **remarks:** Plant survived English winters but does not flower and fruit. Perennial. Cultivated. Plant.

PI 555196. *Vaccinium padifolium* J. C. Smith ERICACEAE

Donated by: Maver Nurseries, The Seed Source, Tuckasegee, North Carolina, United States. Received November 20, 1989.

origin: United States. **historical origin:** UNCERTAIN.
Perennial. Seed.

PI 555197. *Vaccinium pahalae* Skotts. ERICACEAE Raspberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received June 26, 1990.

origin: United States. **historical origin:** United States.
origin institute: USDA/ARS/NPGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Hawaiian seedlot CVAC 977. **local name:** O'helo.
Perennial. Breeding Material. Plant.

PI 555198 to 555199. *Vaccinium pallidum* Ait. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received September 15, 1986.

PI 555198 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-35-5. **pedigree:** Selected from the wild in North Carolina. **local name:** Upland Low Blueberry, Dryland Blueberry. **collected:** August 12, 1986. **locality:** Balsam Mtn. Road off Blue Ridge Pkwy, roadsides w/ W aspect. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 1730m. **remarks:** One clone, stoloniferous, stems to 0.3m. Perennial. Breeding Material. Seed.

PI 555199 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-44-3. **pedigree:** Selected from the wild in North Carolina. **local name:** Upland Low Blueberry, Dryland Blueberry. **collected:** August 12, 1986. **locality:** Along Roan Mt. Gardens Rd., in balds. **latitude:** 36 deg. 00 min. N. **longitude:** 82 deg. 05 min. W. **elevation:** 2050m. **remarks:** Plant widely stoloniferous (200m sq), poss. 4x, lvs glaucous. Perennial. Breeding Material. Seed.

PI 555200 to 555203. *Vaccinium pallidum* Ait. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

PI 555200 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 79-19-12. **pedigree:** Selected from the wild in South Carolina. **local name:** Upland Low Blueberry, Dryland Blueberry. **locality:** Lexington Co. **latitude:** 33 deg. 45 min. N. **longitude:** 81 deg. 15 min. W. **remarks:** Vigorous, productive, representative low elevation accession. Perennial. Breeding Material. Plant.

PI 555201 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC-83-18-8. **pedigree:** Selected from the wild in North Carolina. **local name:** Upland Low Blueberry, Dryland Blueberry. **locality:** Henderson Co. **latitude:** 35 deg. 15 min. N. **longitude:** 82 deg. 30 min. W. **remarks:** Representative intermediate elevation accession, 1.3 m tall. Perennial. Breeding Material. Plant.

PI 555202 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC-83-18-9. **pedigree:** Selected from the wild in North Carolina. **local name:** Upland Low Blueberry, Dryland Blueberry. **locality:** Henderson Co. **latitude:** 35 deg. 15 min. N. **longitude:** 82 deg. 30 min. W. **remarks:** Representative intermediate elevation accession, 0.6 m tall. Perennial. Breeding Material. Plant.

PI 555203 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC-86-8-2. **pedigree:** Selected from the wild in Arkansas. **local name:** Upland Low Blueberry, Dryland Blueberry. **locality:** Yell County. **latitude:** 35 deg. N. **longitude:** 93 deg. 30 min. W. **remarks:** Representative, to 0.2 m tall. Perennial. Breeding Material. Plant.

PI 555204 to 555205. *Vaccinium pallidum* Ait. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received December 17, 1987.

PI 555204 to 555205-continued

PI 555204 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, Georgia. **cultivar:** NC 86-21-04. **pedigree:** Selected from the wild in Georgia. **local name:** Upland Low Blueberry, Dryland Blueberry. **collected:** August 04, 1986. **locality:** Brasstown Bald, along trail down from the peak. **latitude:** 34 deg. 50 min. N. **longitude:** 83 deg. 50 min. W. **elevation:** 1520m. **remarks:** Stems suckering, to 0.6 m tall. Perennial. Breeding Material. Plant.

PI 555205 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-22-02. **pedigree:** Selected from the wild in North Carolina. **local name:** Upland Low Blueberry, Dryland Blueberry. **collected:** August 05, 1986. **locality:** Top of Wine Spring Bald. **latitude:** 35 deg. 10 min. N. **longitude:** 83 deg. 35 min. W. **elevation:** 1815m. **remarks:** Stoloniferous, 0.5m tall, leaves very glaucous. Perennial. Breeding Material. Plant.

PI 555206 to 555207. *Vaccinium pallidum* Ait. ERICACEAE Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received May 17, 1990.

PI 555206 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** NC 79-62-1 OP. **pedigree:** Selected from the wild in North Carolina. **locality:** Transylvania County. **latitude:** 35 deg. 10 min. N. **longitude:** 82 deg. 50 min. W. **remarks:** Representative clone from western North Carolina. Perennial. Breeding Material. Plant.

PI 555207 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Hort. Sci., Box 7609, Raleigh, North Carolina 27695-7609. **cultivar:** PA-8. **pedigree:** Selected from the wild in South Carolina. **locality:** Lexington County. **latitude:** 33 deg. 50 min. N. **longitude:** 81 deg. 20 min. W. **remarks:** Large fruited clone, 4n. Perennial. Breeding Material. Plant.

PI 555208. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Gunning, Jeanne, Salem, Oregon, United States. Received April 07, 1983.

PI 555208-continued

origin: United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** July 14, 1982. **locality:** Olympic Nat'l Forest, Falls Creek Campground, old growth. **latitude:** 47 deg. 05 min. N. **longitude:** 123 deg. 05 min. W. **elevation:** 60m. **remarks:** Old growth coniferous forest, heavy shade from tree canopy. Perennial. Wild. Seed.

PI 555209. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Chandler, Jim, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** August 01, 1982. **locality:** Lobster Valley, Alsea, OR. **latitude:** 44 deg. 30 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 121m. **remarks:** Translucent salmon colored berries. Perennial. Wild. Seed.

PI 555210. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Berg, Carl, North American Plant Explorers, Alvadore, Oregon, United States. Received November 09, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** 1982. **locality:** Curry-Kalmiopsis Wilderness, along upper Chetco River. **latitude:** 42 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 1036m. **remarks:** Fruits are white. Perennial. Wild. Plant.

PI 555211. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received November 09, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 14, 1980. **locality:** 7 miles south of Siltcoos Lake near Oregon coast. **latitude:** 44 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 20m. **remarks:** Red fruits. Perennial. Wild. Plants.

PI 555212. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 15, 1983.

PI 555212-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** August 11, 1983. **locality:** Ollalie trail junction, above Cougar Reservoir. **latitude:** 44 deg. 02 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1000m. **remarks:** Tall open shrub, fruit single, large numerous. Perennial. Wild. Seed.

PI 555213 to 555214. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received July 22, 1985.

PI 555213 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, in clearcut on left side of road. **latitude:** 44 deg. 20 min. N. **longitude:** 123 deg. 40 min. W. **elevation:** 300m. **remarks:** Population collection, limited number of plants available. Perennial. Wild. Seed.

PI 555214 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 1985. **locality:** Suislaw National Forest, clearcut, 30 degree slope SW aspect. **latitude:** 44 deg. 10 min. N. **longitude:** 123 deg. 50 min. W. **elevation:** 360m. Perennial. Wild. Seed.

PI 555215 to 555220. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

PI 555215 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 24, 1985. **locality:** Siskiyou Nat'l Forest, along trail. **latitude:** 42 deg. 10 min. N. **longitude:** 123 deg. 20 min. W. **elevation:** 1160m. **remarks:** Population collected, sweet, mild flavor. Perennial. Wild. Seed.

PI 555216 **origin:** United States. **pedigree:** Collected from the wild in California. **local name:** Red Huckleberry. **collected:** July 25, 1985. **locality:** Six Rivers Nat'l Forest, Jedediah State Park. **latitude:** 41 deg. 50 min. N. **longitude:** 123 deg. 40 min. W. **elevation:** 30m. **remarks:** Population collected at 25 fruit per clone. Perennial. Wild. Seed.

PI 555215 to 555220-continued

- PI 555217 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, clearcut area, southeast aspect. **latitude:** 43 deg. 50 min. N. **longitude:** 123 deg. 40 min. W. **elevation:** 300m. **remarks:** Very fruitful clone with good size fruit, good color. Perennial. Wild. Plant.
- PI 555218 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 24, 1985. **locality:** Siskiyou Nat'l Forest, aspect north generally, very rocky. **latitude:** 42 deg. 30 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 1160m. **remarks:** Small representative plant. Perennial. Wild. Plant.
- PI 555219 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 24, 1985. **locality:** Siskiyou Nat'l Forest, aspect north generally, rocky soil. **latitude:** 42 deg. 30 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 1160m. **remarks:** One of three representative plants from single area. Perennial. Wild. Plant.
- PI 555220 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 24, 1985. **locality:** Siskiyou Nat'l Forest, north aspect generally, rocky soil. **latitude:** 42 deg. 30 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 1160m. **remarks:** One of three representative plants from single area. Perennial. Wild. Plant.

PI 555221. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 06, 1985.

origin: United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 06, 1985. **locality:** Gifford Pinchot Nat'l Forest, Iron Creek Campground. **latitude:** 47 deg. 50 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 530m. **remarks:** Population sample. Perennial. Wild. Seed.

PI 555222 to 555225. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 10, 1985.

PI 555222 to 555225-continued

- PI 555222 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 31, 1985. **locality:** Willamette Nat'l Forest, open woodland, east aspect. **latitude:** 44 deg. 20 min. N. **longitude:** 122 deg. 10 min. W. **elevation:** 1000m. **remarks:** Fruit from small population collected, typical. Perennial. Wild. Seed.
- PI 555223 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** August 01, 1985. **locality:** Willamette Nat'l Forest, House Rock campground, creek valley. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **remarks:** Population sample, typical morphology. Perennial. Wild. Seed.
- PI 555224 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** August 03, 1985. **locality:** Siuslaw Nat'l Forest, Cascade Head trail. **latitude:** 45 deg. 00 min. N. **longitude:** 123 deg. 30 min. W. **elevation:** 335m. **remarks:** Population sample, red to yellow. Perennial. Wild. Seed.
- PI 555225 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** July 22, 1985. **locality:** North Fork of Siuslaw River, in dense mature forest. **latitude:** 44 deg. 05 min. N. **longitude:** 123 deg. 10 min. W. **elevation:** 60m. **remarks:** Small population sample with fine size fruit. Perennial. Wild. Seed.

PI 555226 to 555232. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 21, 1985.

- PI 555226 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 07, 1985. **locality:** Gifford Pinchot Nat'l Forest, old clearcut and roadbank. **latitude:** 46 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 910m. **remarks:** 25 berries/clone, very large fruit size. Perennial. Wild. Seed.

- PI 555227 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 07, 1985. **locality:** Gifford Pinchot Nat'l Forest, old clearcut, east aspect. **latitude:** 46 deg. 30 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1000m. **remarks:** Fruit sample, light crop, large size. Perennial. Wild. Seed.
- PI 555228 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 08, 1985. **locality:** Olympic Nat'l Forest, above road, north aspect, 30 degree sl. **latitude:** 48 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 370m. **remarks:** Population sample, 25 berries/clone, var. for size, color. Perennial. Wild. Seed.
- PI 555229 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 10, 1985. **locality:** Olympic Nat'l Forest, clearcut along roadside. **latitude:** 47 deg. 20 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 975m. **remarks:** Population sample, outstanding fruit size. Perennial. Wild. Seed.
- PI 555230 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 10, 1985. **locality:** Olympic Nat'l Forest, fairly dense old growth forest. **latitude:** 47 deg. 40 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 240m. **remarks:** Population collection, average 10 berries/clone. Perennial. Wild. Seed.
- PI 555231 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 11, 1985. **locality:** Olympic Nat'l Forest, Falls View Campground, densely wooded. **latitude:** 47 deg. 40 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 120m. **remarks:** Typical for species, 25 berries per clone. Perennial. Wild. Seed.
- PI 555232 **origin:** United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **collected:** August 12, 1985. **locality:** Olympic Nat'l Forest, open woodland above road, NE aspect. **latitude:** 47 deg. 40 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 1040m. **remarks:** Fruit from small population sample. Perennial. Wild. Seed.

PI 555233. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Pirzio-Biroli, Jan, Washington Park Arboretum, Seattle, Washington, United States. Received May 03, 1989.

origin: United States. **pedigree:** Collected from the wild in California. **local name:** Red Huckleberry. **locality:** Elk Camp Ridge near Gasquet. **latitude:** 41 deg. 50 min. N. **longitude:** 124 deg. W. **elevation:** 475m. Perennial. Wild. Seed.

PI 555234 to 555235. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Chambers, Henrietta, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 27, 1989.

PI 555234 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** September 27, 1989. **locality:** Cascadia Park, along path to Soda Creek. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. Perennial. Wild. Cutting.

PI 555235 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** September 27, 1989. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. Perennial. Wild. Seed.

PI 555236. *Vaccinium parvifolium* J. E. Smith ERICACEAE

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received October 05, 1989.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Red Huckleberry. **collected:** August 26, 1989. **locality:** Jawbone Flats, alongside road in a dense old growth forest. **latitude:** 44 deg. 13 min. N. **longitude:** 123 deg. 46 min. W. **elevation:** 900m. **remarks:** Population collection, fruit bright red, borne singly, tart 7-9mm diameter. Perennial. Wild. Seed.

PI 555237. *Vaccinium parvifolium* J. E. Smith ERICACEAE Blueberry

Donated by: Berry Botanic Garden, Portland, Oregon, United States. Received January 04, 1990.

PI 555237-continued

origin: United States. **pedigree:** Collected from the wild in Washington. **local name:** Red Huckleberry. **locality:** Along Western slopes and crest of the Washington Cascades. **latitude:** 47 deg. 30 min. N. **longitude:** 121 deg. W. **Perennial.** Wild. Seed.

PI 555238. *Vaccinium phillyreoides* Sleumer ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: United Kingdom. **Perennial.** Cultivated. Plant.

PI 555239 to 555241. *Vaccinium praestans* Lamb. ERICACEAE

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 06, 1990.

PI 555239 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **local name:** Kamchatka Bilberry. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. **remarks:** Extremely fragrant fruit. **Perennial.** Wild. Cutting.

PI 555240 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **local name:** Kamchatka Bilberry. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. **remarks:** Extremely fragrant fruit. **Perennial.** Wild. Seed.

PI 555241 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **local name:** Kamchatka Bilberry. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. **remarks:** Extremely fragrant fruit. **Perennial.** Wild. Seed.

PI 555242. *Vaccinium reticulatum* J. E. Smith ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received January 17, 1983.

origin: United States. **pedigree:** Collected from the wild in Hawaii. **collected:** January 03, 1983. **locality:** Roadside near Kilauea Volcano, soil volcanic rock pH 4.5. **latitude:** 18 deg. 38 min. N. **longitude:** 155 deg. 42 min. W. **elevation:** 1220m. **remarks:** Small evergreen shrub, berries ripe on 1/3/83. **Perennial.** Wild. Seed.

PI 555243 to 555253. *Vaccinium reticulatum* J. E. Smith ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 19, 1983.

- PI 555243 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** August 08, 1983. **locality:** From roadside near the trail to Mauna Loa. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 30 min. W. **elevation:** 1680m. **remarks:** Fruit more blue than usual for species, acidic. Perennial. Wild. Seed.
- PI 555244 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** August 08, 1983. **locality:** From roadside near trail to Mauna Loa. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 30 min. W. **elevation:** 1680m. **remarks:** Yellow fruit, 8-1.0 cm, generally non-acid and bland. Perennial. Wild. Seed.
- PI 555245 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Near Kilauea Military camp. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 20 min. W. **elevation:** 1220m. **remarks:** Red fruit, acidic, false berry 1.0. Perennial. Wild. Seed.
- PI 555246 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Near Kilauea Military Camp. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 20 min. W. **elevation:** 1220m. **remarks:** Yellow fruit, 1.0 cm, insipid, non-acid. Perennial. Wild. Seed.
- PI 555247 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Near Kilauea Military Camp. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 20 min. W. **elevation:** 1220m. **remarks:** Red fruit 1.0 cm, edible. Perennial. Wild. Seed.
- PI 555248 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1968. **locality:** Near Kilauea Military Camp. **latitude:** 19 deg. 30 min. N. **longitude:** 155 deg. 20 min. W. **elevation:** 1220m. **remarks:** Fruit dark red. Perennial. Wild. Seed.

PI 555243 to 555253-continued

PI 555249 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Hilo, along roadside in high rainfall and fog belt. **latitude:** 19 deg. 50 min. N. **longitude:** 155 deg. 00 min. W. **elevation:** 1070m. **remarks:** Red fruit, false berry. Perennial. Wild. Seed.

PI 555250 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Roadside in high rainfall and fog belt. **latitude:** 20 deg. 00 min. N. **longitude:** 155 deg. 24 min. W. **elevation:** 1830m. **remarks:** Bluish-red fruit, 1.0 cm, fruit not as mature as other sites. Perennial. Wild. Seed.

PI 555251 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Kapapala Ranch, jeep trailside on Mauna Loa slope. **latitude:** 19 deg. 24 min. N. **longitude:** 155 deg. 36 min. W. **elevation:** 1525m. **remarks:** Red fruit, 0.8 - 1.0 cm, shrub 30-60cm. Perennial. Wild. Seed.

PI 555252 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Kapapala Ranch, jeep trail on Mauna Loa slope. **latitude:** 19 deg. 24 min. N. **longitude:** 155 deg. 36 min. W. **elevation:** 1525m. **remarks:** Fruit yellow-orange. Perennial. Wild. Seed.

PI 555253 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **local name:** 'Ohelo. **collected:** September 08, 1983. **locality:** Open rocky places in Koa Forest Reserve above Kapapala Ranch. **latitude:** 19 deg. 24 min. N. **longitude:** 155 deg. 36 min. W. **elevation:** 2135m. **remarks:** Fruit pure yellow, slightly immature. Perennial. Wild. Seed.

PI 555254. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Fry, Bill, Environmental Plant Center, Meeker, Colorado, United States. Received April 07, 1983.

origin: United States. **pedigree:** Collected from the wild in Colorado. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** June 01, 1982. **latitude:** 37 deg. 40 min. N. **longitude:** 106 deg. W. Perennial. Wild. Seed.

PI 555255 to 555256. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 31, 1982.

PI 555255 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** September 19, 1981. **locality:** Pacific Crest Trail, 5 miles south of Santiam Pass. **latitude:** 44 deg. 05 min. N. **longitude:** 122 deg. 07 min. W. **elevation:** 1470m. Perennial. Wild. Plant.

PI 555256 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** July 09, 1981. **locality:** Grand Teton Nat'l Park, open forest, partial shade southeast. **latitude:** 44 deg. 00 min. N. **longitude:** 111 deg. 00 min. W. **elevation:** 2134m. Perennial. Wild. Seed.

PI 555257 to 555258. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

PI 555257 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** July 26, 1985. **locality:** Rogue River Nat'l Forest, less than 5 degree slope. **latitude:** 42 deg. 10 min. N. **longitude:** 123 deg. 00 min. W. **elevation:** 1310m. **remarks:** Population collection. Perennial. Wild. Seed.

PI 555258 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** August 27, 1985. **locality:** Winema Nat'l Forest, from roadside, northwest aspect. **elevation:** 1810m. **remarks:** Plants up to 18 in. tall, population sample. Perennial. Wild. Seed.

PI 555259. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 25, 1985.

PI 555259-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** September 18, 1988. **locality:** Windigo Pass, Pacific Crest Trail, Deschutes Nat'l Forest. **latitude:** 43 deg. 00 min. N. **longitude:** 122 deg. 00 min. W. **elevation:** 1680m. **remarks:** Typical, many clones as understory species. Perennial. Wild. Seed.

PI 555260. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received August 26, 1987.

origin: United States. **pedigree:** Collected from the wild in Colorado. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** August 13, 1987. **locality:** Pitkin County, scattered on slope opposite Weller Lake. **latitude:** 39 deg. 07 min. N. **longitude:** 106 deg. 43 min. W. **elevation:** 2910m. **remarks:** Shrubs 7-20 cm, very upright shoots in tight clump, unprod. Perennial. Wild. Seed.

PI 555261 to 555262. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Luby, J.J., University of Minnesota, St. Paul, Minnesota, United States. Received August 10, 1989.

PI 555261 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** 1989. **locality:** Bighorn Nat'l Forest, Owen Creek, near campground. **latitude:** 44 deg. 45 min. N. **longitude:** 107 deg. 15 min. W. **elevation:** 2610m. Perennial. Wild. Plant.

PI 555262 **origin:** United States. **pedigree:** Collected from the wild in Wyoming. **collected:** 1989. **locality:** Shoshone Nat'l Forest, Beartooth Pass, at timberline. **latitude:** 44 deg. 30 min. N. **longitude:** 109 deg. 30 min. W. **elevation:** 3090m. Perennial. Wild. Plant.

PI 555263. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Luby, J.J., University of Minnesota, St. Paul, Minnesota, United States. Received August 24, 1989.

PI 555263-continued

origin: United States. **pedigree:** Collected from the wild in Idaho. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** August 1989. **locality:** Bitterroot Nat'l Forest, Hell's Half Acre Mountain, old burn. **latitude:** 45 deg. 50 min. N. **longitude:** 115 deg. 15 min. W. **elevation:** 2440m. Perennial. Wild. Seed.

PI 555264. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Chambers, Henrietta, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 27, 1989.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** September 27, 1989. **locality:** Roadside on McKenzie Pass near Frog Camp. **latitude:** 44 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. Perennial. Wild. Cutting.

PI 555265. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Berry Botanic Garden, Portland, Oregon, United States. Received January 04, 1990.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Grouseberry, Littleleaf Huckleberry. **locality:** Along Eastern slopes of the Oregon Cascades. **latitude:** 44 deg. N. **longitude:** 122 deg. W. Perennial. Wild. Seed.

PI 555266. *Vaccinium scoparium* Leiberg ERICACEAE Blueberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received September 20, 1990.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Grouseberry, Littleleaf Huckleberry. **collected:** August 25, 1990. **locality:** South end of Waldo Lake near Shadow Bay Campground. **latitude:** 43 deg. 45 min. N. **longitude:** 122 deg. 05 min. W. **elevation:** 1660m. **remarks:** An understory species in the forest Herbarium specimen also received. Perennial. Wild. Seed.

PI 555267. *Vaccinium sempervirens* D. Rayner & J. Henderson ERICACEAE
Ornamental

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received January 22, 1986.

origin: United States. **origin institute:** North Carolina State University, Dept. Hort. Sci., Raleigh, North Carolina. **cultivar:** Bloodstone. **pedigree:** Selection of *V. sempervirens* from Lexington Co., SC. **remarks:** The fruit serves as food for birds and other small wildlife. Perennial. Cultivar. Plant.

PI 555268 to 555270. *Vaccinium simulatum* Small ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

PI 555268 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CVAC 949. Perennial. Breeding Material. Plant.

PI 555269 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 79-58-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 15, 1979. **locality:** Haywood Co, plants on west slope up from ridge. **latitude:** 36 deg. 00 min. N. **longitude:** 84 deg. 00 min. W. **remarks:** Possibly hexaploid. Perennial. Breeding Material. Seed.

PI 555270 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 79-60-8. **pedigree:** Selected from the wild in North Carolina. **local name:** Highbush Blueberry, Swamp Blueberry. **collected:** August 16, 1979. **locality:** Henderson Co., fairly open deciduous woods along with azalea. **latitude:** 36 deg. 00 min. N. **longitude:** 89 deg. 00 min. W. **remarks:** Fairly good leaf resistance, probably hexaploid. Perennial. Breeding Material. Seed.

PI 555271. *Vaccinium simulatum* Small ERICACEAE

Donated by: Witt, J.A., Washington Park Arboretum, Seattle, Washington, United States. Received December 09, 1983.

PI 555271-continued

origin: United States. **pedigree:** Open pollinated from botanical collection. **collected:** December 01, 1983. Perennial. Cultivated. Plant.

PI 555272 to 555288. *Vaccinium simulatum* Small ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received September 15, 1986.

PI 555272 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-20-2. **pedigree:** Selected from the wild in Georgia. **collected:** August 05, 1986. **locality:** Along Appalachian Trail, Tray Mtn. SW aspect, 30 deg. slope. **latitude:** 34 deg. 45 min. N. **longitude:** 83 deg. 40 min. W. **elevation:** 1200m. **remarks:** Population collection, blue-fruited, some w/glaucus leaves. Perennial. Breeding Material. Seed.

PI 555273 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-21-1. **pedigree:** Selected from the wild in Georgia. **collected:** August 05, 1986. **locality:** Brasstown Bald, highest point in Georgia. **latitude:** 34 deg. 45 min. N. **longitude:** 83 deg. 40 min. W. **elevation:** 1450m. **remarks:** Population collection, Crown-forming, fruits glaucous blue. Perennial. Breeding Material. Seed.

PI 555274 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-22-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Franklin, on top of Wine Spring Bald. **latitude:** 35 deg. 10 min. N. **longitude:** 83 deg. 35 min. W. **elevation:** 1815m. **remarks:** Population collection, 50% had both glaucous leaves and fruit. Perennial. Breeding Material. Seed.

PI 555275 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-23-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 05, 1986. **locality:** Waterrock Knob, vicinity of the parking lot and trail. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 20 min. W. **elevation:** 2000m. **remarks:** Population collection, Fruit and leaves quite variable. Perennial. Breeding Material. Seed.

PI 555272 to 555288-continued

- PI 555276 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-26-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Morganton, along Devil's Hole trailside. **latitude:** 35 deg. 50 min. N. **longitude:** 81 deg. 50 min. W. **elevation:** 1180m. **remarks:** scattered plants occur over the area. Perennial. Breeding Material. Seed.
- PI 555277 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-29-3. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Collection from disturbed roadsides on Jonas Ridge. **latitude:** 35 deg. 50 min. N. **longitude:** 81 deg. 50 min. W. **elevation:** 1180m. **remarks:** Two clones occurred at this particular site. Perennial. Breeding Material. Seed.
- PI 555278 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-31-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Along trail up Grandmother Mountain, in dense shade. **latitude:** 36 deg. 00 min. N. **longitude:** 81 deg. 50 min. W. **elevation:** 1480m. **remarks:** Population collection, typical fruit variation. Perennial. Breeding Material. Seed.
- PI 555279 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-33-3. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Craggy Dome View parking area, high elevation bald. **latitude:** 35 deg. 35 min. N. **longitude:** 82 deg. 30 min. W. **elevation:** 2000m. **remarks:** Population collection, crown-forming, var. for glaucousness. Perennial. Breeding Material. Seed.
- PI 555280 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-34-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Fork Ridge Overlook on the Blue Ridge Parkway, roadsides. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 00 min. W. **remarks:** Outstanding pop'n for fruit size, crown-forming, 1.2-4m. Perennial. Breeding Material. Seed.

PI 555272 to 555288-continued

- PI 555281 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-36-3. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Maggie Valley Overlook, dry road cuts and woods edge. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 1730m. **remarks:** One clone, very large medium blue fruit, 0.4m tall. Perennial. Breeding Material. Seed.
- PI 555282 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-39-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Along trailsides to Andrew's Bald and on the bald. **latitude:** 35 deg. 30 min. N. **longitude:** 83 deg. 25 min. W. **elevation:** 1900m. **remarks:** Population sample, crown-formers to over 5m tall. Perennial. Breeding Material. Seed.
- PI 555283 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-41-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Trail up Richland Balsam Mtn. from Haywood/Jackson Overlook. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 05 min. W. **elevation:** 2000m. **remarks:** Pop'n collection, Fruit size var., often very large. Perennial. Breeding Material. Seed.
- PI 555284 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-42-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Open to light wooded area below 8-yr old Xmas tree planting. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1530m. **remarks:** Pop'n coll, extremely variable, some introgressed w/pallidum. Perennial. Breeding Material. Seed.
- PI 555285 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CVAC 965. Perennial. Breeding Material. Plant.
- PI 555286 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from seedlot CVAC 966. Perennial. Breeding Material. Plant.

PI 555272 to 555288-continued

PI 555287 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-43-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Bald area in a saddle which has been grazed. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1530m. **remarks:** Pop'n collection, var. for degree of glaucousness on frt,lvs. Perennial. Breeding Material. Seed.

PI 555288 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-35-1. **pedigree:** Selected from the wild in North Carolina. **collected:** August 12, 1986. **locality:** Balsam Mtn. Road off Blue Ridge Pkwy, roadsides w/ W aspect. **latitude:** 35 deg. 25 min. N. **longitude:** 83 deg. 10 min. W. **elevation:** 1730m. **remarks:** Population collection, crown-forming, var. fruit size, color. Perennial. Breeding Material. Seed.

PI 555289 to 555290. *Vaccinium simulatum* Small ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

PI 555289 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 79-60-8. **pedigree:** Selected from the wild in North Carolina. **latitude:** 35 deg. 15 min. N. **longitude:** 82 deg. 30 min. W. **remarks:** Elite accession, very high chilling req., large, blue fruit. Perennial. Breeding Material. Plant.

PI 555290 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC-83-23-3. **pedigree:** Selected from the wild in North Carolina. **latitude:** 35 deg. 15 min. N. **longitude:** 83 deg. 30 min. W. **remarks:** Representative. Perennial. Breeding Material. Plant.

PI 555291. *Vaccinium simulatum* Small ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received December 17, 1987.

PI 555291-continued

origin: United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 86-42-03. **pedigree:** Selected from the wild in North Carolina. **collected:** August 16, 1986. **locality:** Open to light wooded area below Xmas tree planting into bog. **latitude:** 36 deg. 20 min. N. **longitude:** 81 deg. 40 min. W. **elevation:** 1530m. **remarks:** Apparent introgressant with *V. pallidum*, crown-forming, 2.8m. Perennial. Breeding Material. Plant.

PI 555292 to 555293. *Vaccinium smallii* A. Gray ERICACEAE

Donated by: Shimura, Isao, Toyko University of Agriculture, Tokyo, Japan. Received April 07, 1983.

PI 555292 **origin:** Japan. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Japanese seedlot CVAC 942. **local name:** Oba Sunoki. Perennial. Breeding Material. Plant.

PI 555293 **origin:** Japan. **pedigree:** Collected from the wild in Japan. **local name:** Oba Sunoki. **collected:** September 1981. **locality:** Nagano Prefecture, at Mt. Shirane. **latitude:** 35 deg. 30 min. N. **longitude:** 138 deg. 18 min. E. **elevation:** 972m. Perennial. Wild. Seed.

PI 555294 to 555295. *Vaccinium* sp. ERICACEAE

Donated by: Chandler, Jim, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

PI 555294 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** August 22, 1983. **locality:** Big Hole Battlefield, Wisdom, Montana. **latitude:** 45 deg. 45 min. N. **longitude:** 113 deg. 30 min. W. **elevation:** 200m. Perennial. Wild. Seed.

PI 555295 **origin:** United States. **pedigree:** Collected from the wild in Montana. **collected:** August 25, 1983. **locality:** St. Regis Mountain, Minera, Montana. **latitude:** 44 deg. N. **longitude:** 114 deg. W. **elevation:** 1828m. Perennial. Wild. Seed.

PI 555296. *Vaccinium* sp. ERICACEAE

Donated by: Chandler, Jim, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received November 09, 1982.

PI 555296-continued

origin: United States. **pedigree:** Collected from the wild in Montana. **latitude:** 47 deg. N min.. **longitude:** 110 deg. W. Perennial. Wild. Plant.

PI 555297 to 555304. *Vaccinium* sp. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 31, 1982.

PI 555297 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **collected:** September 19, 1981. **locality:** Pacific Crest Trail, 5 miles south of Santiam Pass. **latitude:** 44 deg. 05 min. N. **longitude:** 122 deg. 07 min. W. **elevation:** 1470m. Perennial. Wild. Plant.

PI 555298 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555299 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555300 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555301 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555302 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555303 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555304 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **latitude:** 44 deg. N. **longitude:** 121 deg. W. Perennial. Wild. Plant.

PI 555305 to 555309. *Vaccinium* sp. ERICACEAE

Donated by: Westwood, M.N., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 19, 1983.

PI 555305 to 555309-continued

- PI 555305 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **collected:** September 08, 1983. **locality:** Iki Lookout on Mt. Kilauea. **latitude:** 19 deg. 24 min. N. **longitude:** 155 deg. 30 min. W. **elevation:** 1220m. **remarks:** Plants 1 m tall, leaves broad lanceolate, flavor astringent. Perennial. Wild. Seed.
- PI 555306 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **collected:** September 08, 1983. **locality:** Along roadside on slope of Kilauea, rainy fog belt. **latitude:** 19 deg. 48 min. N. **longitude:** 155 deg. 18 min. W. **elevation:** 1070m. **remarks:** Plants 1m tall, berries bright red, astringent flavor similar to cranberry. Perennial. Wild. Seed.
- PI 555307 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **collected:** September 08, 1983. **locality:** Humulula, along roadside on slope of Kilauea, rainy fog belt. **latitude:** 19 deg. 48 min. N. **longitude:** 155 deg. 36 min. W. **elevation:** 1070m. **remarks:** Red fruit, distinctly pyriform, tart, plant 70 cm tall. Perennial. Wild. Seed.
- PI 555308 **origin:** United States. **pedigree:** Collected from the wild on the island of Hawaii. **collected:** September 08, 1983. **locality:** Humulula, along roadside on slope of Kilauea, rainy fog belt. **latitude:** 19 deg. 48 min. N. **longitude:** 155 deg. 36 min. W. **elevation:** 1070m. **remarks:** Plant 70 cm tall, round, bright red, tart fruit. Perennial. Wild. Seed.
- PI 555309 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Hawaiiin seedlot CVAC 955. Perennial. Breeding Material. Plant.

PI 555310. *Vaccinium* sp. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 07, 1984.

origin: Canada. **pedigree:** Collected from the wild in Canada. **collected:** June 23, 1984. **locality:** Open alpine meadow bordering marsh, Banff Nat'l Park. **latitude:** 51 deg. 30 min. N. **longitude:** 116 deg. 15 min. W. **elevation:** 1500m. **remarks:** Plants very small 5 to 7 cm. Perennial. Wild. Plant.

PI 555311 to 555312. *Vaccinium* sp. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 12, 1984.

PI 555311 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **collected:** July 01, 1984. **locality:** Along Moyie River. **latitude:** 48 deg. 05 min. N. **longitude:** 116 deg. 00 min. W. **elevation:** 950m. **remarks:** Low deciduous shrub to 30 cm. Perennial. Wild. Plant.

PI 555312 **origin:** United States. **pedigree:** Collected from the wild in Idaho. **collected:** July 01, 1984. **locality:** Naples, Idaho, along Trail Creek Road. **latitude:** 48 deg. 40 min. N. **longitude:** 116 deg. 30 min. W. **remarks:** Low deciduous shrub to +- 30 cm. Perennial. Wild. Plant.

PI 555313. *Vaccinium* sp. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 29, 1985. **locality:** Willamette Nat'l Forest, along trail to Benson Lake. **latitude:** 43 deg. 30 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 1600m. **remarks:** Clone covers 90 ft sq., growing in *V. membranaceum* habitat. Perennial. Wild. Plant.

PI 555314. *Vaccinium* sp. ERICACEAE

Donated by: Trajkovski, V., Swedish University of Agric. Sci., Kristianstaad, Sweden. Received April 14, 1986.

origin: Sweden. **origin institute:** Swedish University of Agricultural Sci., Division of Fruit Breeding, Balsgard. **cultivar:** BV-12. Perennial. Breeding Material. Plant.

PI 555315. *Vaccinium* sp. ERICACEAE

Donated by: Poole, Arthur, Oregon State University, Extension Station, Corvallis, Oregon, United States. Received September 08, 1988.

PI 555315-continued

origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** Wild cranberry. **collected:** July 18, 1988. **locality:** Moss-covered, muskeg-type land, Top of the World Highway. **latitude:** 63 deg. N. **longitude:** 148 deg. W. **elevation:** 300m. **remarks:** Wild cranberry selection, pale pink blooms, small berries. Perennial. Wild. Plant.

PI 555316. *Vaccinium* sp. ERICACEAE Blueberry

Donated by: Hartmann's Plantation Inc., Grand Junction, Michigan, United States. Received February 14, 1990.

origin: United States. **origin institute:** Hartmann's Plantation Inc., 310 60th Street, PO Box E, Grand Junction, Michigan. **cultivar:** Sunshine Blue. Perennial. Cultivar. Plant.

PI 555317. *Vaccinium* sp. ERICACEAE

Donated by: Hartmann's Plantation Inc., Earlton, Florida, United States. Received March 02, 1990.

origin: United States. **cultivar:** Challenger. Perennial. Cultivar. Plant.

PI 555318. *Vaccinium* sp. ERICACEAE

Donated by: Rombough, Lon, Ehlen Road, Aurora, Oregon, United States. Received June 07, 1990.

origin: United States. **historical origin:** United States. **origin institute:** NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon 97333. **pedigree:** OP seedling selection of CVAC 682. **remarks:** This clone may have different ploidy than other seedlings from this seedlot, or may be a hybrid. Perennial. Breeding Material. Plant.

PI 555319 to 555321. *Vaccinium* sp. ERICACEAE

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 06, 1990.

PI 555319 to 555321-continued

PI 555319 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. **remarks:** Received mislabelled as Rubus. Perennial. Wild. Cutting.

PI 555320 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. **remarks:** Received unlabelled. Perennial. Wild. Cutting.

PI 555321 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. **remarks:** Received unlabelled. Perennial. Wild. Seed.

PI 555322 to 555324. *Vaccinium stamineum* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

PI 555322 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 78-2. **pedigree:** Selected from the wild in N. Carolina. **local name:** Common Deerberry. **collected:** 1979. **locality:** Newton Grove, open cut-over pine and oak woodland. **latitude:** 35 deg. 15 min. N. **longitude:** 78 deg. 20 min. W. **remarks:** Population collection of open pollinated seed. Perennial. Breeding Material. Seed.

PI 555323 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 78-8. **pedigree:** Selected from the wild in S. Carolina. **local name:** Common Deerberry. **collected:** November 25, 1978. **locality:** Lexington, open xeric woodland and old field. **latitude:** 34 deg. 00 min. N. **longitude:** 81 deg. 10 min. W. Perennial. Breeding Material. Seed.

PI 555324 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 80-29-1. **pedigree:** Selected from the wild in N. Carolina. **local name:** Common Deerberry. **collected:** September 16, 1980. **locality:** Jackson Co, dry upland woods. **latitude:** 35 deg. 20 min. N. **longitude:** 83 deg. 10 min. W. **remarks:** Select clone, about 1 m tall, large reddish-subglaucous frt. Perennial. Breeding Material. Seed.

PI 555325 to 555326. *Vaccinium stamineum* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

PI 555325 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** B-59. **pedigree:** Selected from the wild in South Carolina. **local name:** Common Deerberry. **locality:** Wexington County. **latitude:** 33 deg. 45 min. N. **longitude:** 81 deg. 15 min. W. **remarks:** Nonshattering glaucous-purple fruit, sharpnosed lopper res. Perennial. Breeding Material. Plant.

PI 555326 **origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 80-28-1. **pedigree:** Selected from the wild in North Carolina. **local name:** Common Deerberry. **locality:** Transylvania County. **latitude:** 35 deg. 15 min. N. **longitude:** 82 deg. 45 min. W. **remarks:** Representative. Perennial. Breeding Material. Plant.

PI 555327. *Vaccinium stamineum* L. ERICACEAE Blueberry

Donated by: Meader, E.M., Rochester, New Hampshire, United States. Received April 15, 1991.

origin: United States. **pedigree:** Collected from the wild in New Jersey (?). **locality:** Jamesburg. **latitude:** 40 deg. 20 min. N. **longitude:** 74 deg. 29 min. W. Perennial. Wild. Cutting.

PI 555328 to 555330. *Vaccinium tenellum* Ait. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

PI 555328 **origin:** United States. **pedigree:** Collected from the wild in South Carolina. **local name:** Small-cluster Blueberry. **locality:** Lexington County. **latitude:** 34 deg. 00 min. N. **longitude:** 81 deg. 10 min. W. Perennial. Wild. Seed.

PI 555329 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling sel. from wild South Carolina seedlot CVAC 945. **local name:** Small-cluster Blueberry. Perennial. Breeding Material. Plant.

PI 555328 to 555330-continued

PI 555330 **origin:** United States. **pedigree:** Collected from the wild in South Carolina. **local name:** Small-cluster Blueberry. **locality:** Berkeley County, S. Carolina. **latitude:** 33 deg. 10 min. N. **longitude:** 80 deg. 00 min. W. Perennial. Wild. Seed.

PI 555331 to 555332. *Vaccinium tenellum* Ait. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received April 27, 1987.

PI 555331 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 2316. **pedigree:** Selected from the wild in South Carolina. **local name:** Small-cluster Blueberry. **latitude:** 33 deg. 45 min. N. **longitude:** 81 deg. 15 min. W. **remarks:** Disease-resistant foliage, otherwise representative. Perennial. Breeding Material. Plant.

PI 555332 **origin:** United States. **historical origin:** United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 83-13-10. **pedigree:** Selected from the wild in Georgia. **local name:** Small-cluster Blueberry. **latitude:** 31 deg. 45 min. N. **longitude:** 82 deg. 45 min. W. **remarks:** Representative accession from south Georgia. Perennial. Breeding Material. Plant.

PI 555333 to 555334. *Vaccinium tenellum* Ait. ERICACEAE Lowbush Blueberry

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received April 17, 1990.

PI 555333 **origin:** United States. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 87-52 # 18. Perennial. Breeding Material. Cutting.

PI 555334 **origin:** United States. **historical origin:** United States. **origin institute:** Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey. **cultivar:** NJ 87-52 # 52. Perennial. Breeding Material. Cutting.

PI 555335. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Hepler, Paul, University of Maine, Orono, Maine, United States. Received June 22, 1981.

origin: United States. **historical origin:** UNCERTAIN.
Perennial. Seed.

PI 555336. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Shimura, Isao, Toyko University of Agriculture, Tokyo, Japan. Received April 07, 1983.

origin: Japan. **pedigree:** Collected from the wild in Japan. **collected:** September 1981. **locality:** Nagano Prefecture, at Mt. Shirane. **latitude:** 35 deg. 30 min. N. **longitude:** 138 deg. 18 min. E. **elevation:** 972m.
Perennial. Wild. Seed.

PI 555337. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Brooks, Dave, Brookhill Farms, Bandon, Oregon, United States. Received February 17, 1982.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Bog Blueberry, Bog Bilberry. **collected:** September 11, 1979. **locality:** Cranberry bog at Bandon. **latitude:** 43 deg. 10 min. N. **longitude:** 124 deg. 25 min. W. Perennial. Wild. Plant.

PI 555338. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Rui, Hao, Jilin Agricultural University, Changchun, Jilin, China. Received December 21, 1983.

origin: China. **pedigree:** Collected from the wild in China. **collected:** 1983. **latitude:** 44 deg. N. **longitude:** 124 deg. E. Perennial. Wild. Seed.

PI 555339. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Rui, Hao, Jilin Agricultural University, Changchun, Jilin, China. Received January 14, 1985.

origin: China. **pedigree:** Collected in China (wild?). **collected:** January 01, 1984. Perennial. Seed.

PI 555340. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received August 07, 1985.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Bog Blueberry, Bog Bilberry. **collected:** July 22, 1985. **locality:** Siuslaw Nat'l Forest, edge of bog at head of dune. **latitude:** 44 deg. 00 min. N. **longitude:** 124 deg. 00 min. W. **elevation:** 10m. **remarks:** Typical but variable, large size fruit. Perennial. Wild. Cutting.

PI 555341 to 555346. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

PI 555341 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 13, 1985. **locality:** Biological Research Station, Konneveski. **latitude:** 63 deg. 00 min. N. **longitude:** 28 deg. 00 min. E. **elevation:** 100m. **remarks:** Typical grey leafed, large fruit, relatively light crop. Perennial. Wild. Seed.

PI 555342 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 16, 1985. **locality:** Forest Research Station, Kolari, open pine forest near river. **latitude:** 66 deg. 30 min. N. **longitude:** 24 deg. 00 min. E. **elevation:** 150m. **remarks:** Typical, 30 cm +/-, moderate crop, small population. Perennial. Wild. Seed.

PI 555343 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 17, 1985. **locality:** Yllastuntri, north slope, near tree line on mountain. **latitude:** 66 deg. 30 min. N. **longitude:** 24 deg. 00 min. E. **elevation:** 375m. **remarks:** Typical, 10 cm, fairly common, moderate crop. Perennial. Wild. Seed.

PI 555344 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 18, 1985. **locality:** Saana Mountain, rocky tundra above treeline. **latitude:** 64 deg. 00 min. N. **longitude:** 21 deg. 00 min. E. **elevation:** 70m. **remarks:** Typical morph, fair to large crop, fruit flattened. Perennial. Wild. Seed.

PI 555341 to 555346-continued

PI 555345 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 18, 1985. **locality:** Rapinslini, in bog in hummock caused by permafrost. **latitude:** 64 deg. 00 min. N. **longitude:** 23 deg. 00 min. E. **elevation:** 450m. **remarks:** Typical, good fruit crop on protected plants, large size. Perennial. Wild. Seed.

PI 555346 **origin:** United States. **pedigree:** Collected from the wild in Oregon. **local name:** Bog Blueberry, Bog Bilberry. **collected:** August 28, 1985. **locality:** Three Sisters Wilderness Area, large open meadow. **latitude:** 44 deg. 30 min. N. **longitude:** 125 deg. 00 min. W. **elevation:** 160m. **remarks:** Low shrub to 0.5 m, crop none to moderate. Perennial. Wild. Seed.

PI 555347. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 19, 1985.

origin: Sweden. **pedigree:** Collected from the wild in Sweden. **collected:** August 05, 1985. **locality:** Knislinge, in young forest with mixed tree species. **latitude:** 56 deg. 03 min. N. **longitude:** 14 deg. 00 min. E. **elevation:** 200m. **remarks:** Typical, small population, possibly a single clone. Perennial. Wild. Seed.

PI 555348. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

origin: United States. **pedigree:** Collected from the wild in California. **local name:** Bog Blueberry, Bog Bilberry. **collected:** August 07, 1986. **locality:** Lassen Nat'l Forest, at springs at head of Yellow Creek. **latitude:** 40 deg. 25 min. N. **longitude:** 121 deg. 30 min. W. **elevation:** 1820m. **remarks:** Small heavily grazed shrub in wet area, few plts, fruit rare. Perennial. Wild. Plant.

PI 555349 to 555352. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 16, 1986.

PI 555349 to 555352-continued

- PI 555349 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Bog Blueberry, Bog Bilberry. **collected:** August 26, 1986. **locality:** Chena River State Rec Area, shallow bog on NW slope. **latitude:** 64 deg. 50 min. N. **longitude:** 146 deg. 30 min. W. **elevation:** 260m. **remarks:** Typical but small, about 30 cm, few overripe fruit. Perennial. Wild. Seed.
- PI 555350 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Bog Blueberry, Bog Bilberry. **collected:** August 26, 1986. **locality:** Chena River State Rec Area, open spruce forest along ridge. **latitude:** 64 deg. 50 min. N. **longitude:** 146 deg. 30 min. W. **elevation:** 550m. **remarks:** Creeping shrub to 40 cm, crop variable, much overripe fruit. Perennial. Wild. Seed.
- PI 555351 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Bog Blueberry, Bog Bilberry. **collected:** August 26, 1986. **locality:** Denali Nat'l Park, tundra with S slope. **latitude:** 62 deg. 50 min. N. **longitude:** 150 deg. 05 min. W. **elevation:** 1020m. **remarks:** Typical but dwarfed to 10 cm, fruit variable for size, shape. Perennial. Wild. Seed.
- PI 555352 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Bog Blueberry, Bog Bilberry. **collected:** August 31, 1986. **locality:** Paxson Lake Rec. Area, lakeshore, in bog among other shrubs. **latitude:** 62 deg. 45 min. N. **longitude:** 145 deg. 30 min. W. **elevation:** 750m. **remarks:** Typical, low shrub to 30 cm. Perennial. Wild. Seed.

PI 555353. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Luby, J.J., University of Minnesota, St. Paul, Minnesota, United States. Received August 24, 1989.

origin: United States. **pedigree:** Collected from the wild in Idaho. **collected:** August 1989. **locality:** Clearwater Nat'l Forest, Packer Meadows, extensive, wet area. **latitude:** 46 deg. 15 min. N. **longitude:** 115 deg. 15 min. W. **elevation:** 1615m. Perennial. Wild. Seed.

PI 555354. *Vaccinium uliginosum* L. ERICACEAE Blueberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received July 30, 1990.

PI 555354-continued

origin: United States. **pedigree:** Collected from the wild in Oregon. **collected:** July 30, 1990. **locality:** Boggy area at north end of Crabtree Lake. **latitude:** 44 deg. 40 min. N. **longitude:** 122 deg. 30 min. W. **elevation:** 1300m. **remarks:** To 1.5m, silvery-grey cast to leaves, in association with Sphagnum moss, Spirea, sedges. Perennial. Wild. Plant.

PI 555355. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Koropachunsky, I., Central Siberian Botanical Garden, Novosibirsk, USSR. Received January 1991.

origin: USSR. **pedigree:** Open pollinated from botanical collection. **collected:** August 18, 1990. **remarks:** Mother plant collected in Tyumenskaya Province, vicinity of Urengoy. Perennial. Cultivated. Seed.

PI 555356. *Vaccinium uliginosum* L. ERICACEAE

Donated by: Holloway, P.S., University of Alaska, Fairbanks, Alaska, United States. Received February 11, 1991.

origin: USSR. **pedigree:** Open pollinated from botanical collection. **collected:** August 10, 1990. Perennial. Cultivated. Seed.

PI 555357. *Vaccinium uliginosum* subsp. *occidentale* (A. Gray) Hulten
ERICACEAE Blueberry

Donated by: Thompson, M.M., Oregon State University, Dept. Horticulture, Corvallis, Oregon, United States. Received September 20, 1990.

origin: United States. **pedigree:** Collected from the wild in Oregon. **local name:** Western Blueberry. **collected:** August 25, 1990. **locality:** South end of Waldo Lake near Shadow Bay Campground. **latitude:** 43 deg. 45 min. N. **longitude:** 122 deg. 05 min. W. **elevation:** 1660m. **remarks:** Found at edge of forest, between forest and Waldo Lake Herbarium specimen also received. Perennial. Wild. Seed.

PI 555358. *Vaccinium vacillans* Torr. ERICACEAE

Donated by: Ballington, J.R., North Carolina State University, Dept. Horticulture, Raleigh, North Carolina, United States. Received February 14, 1983.

PI 555358-continued

origin: United States. **origin institute:** North Carolina State University, Dept. Horticulture, Raleigh, North Carolina. **cultivar:** NC 78-1. **pedigree:** Selected from the wild in N. Carolina. **local name:** Blueridge Blueberry, Low Bilberry. **collected:** 1979. **locality:** Newton Grove, open cut-over pine and oak woodland. **latitude:** 35 deg. 15 min. N. **longitude:** 78 deg. 20 min. W. **remarks:** Ericaceous species, very abundant. Perennial. Breeding Material. Seed.

PI 555359. *Vaccinium vacillans* Torr. ERICACEAE

Donated by: Widrlechner, Mark, USDA/ARS/Plant Intro. Station, Iowa State University, Ames, Iowa, United States. Received July 02, 1987.

origin: United States. **historical origin:** United States. **origin institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection from wild Michigan seedlot. **local name:** Blueridge Blueberry, Low Bilberry. Perennial. Breeding Material. Plant.

PI 555360. *Vaccinium vacillans* Torr. ERICACEAE

Donated by: Widrlechner, Mark, USDA/ARS/Plant Intro. Station, Iowa State University, Ames, Iowa, United States. Received August 13, 1987.

origin: United States. **pedigree:** Collected from the wild in Michigan. **local name:** Blueridge Blueberry, Low Bilberry. **locality:** Cass County. **latitude:** 41 deg. 40 min. N. **longitude:** 86 deg. W. **elevation:** 280m. Perennial. Wild. Seed.

PI 555361. *Vaccinium varingifolium* (Blume) Miq. ERICACEAE

Donated by: Kerby, R., Royal Botanic Garden, Edinburgh, Scotland, United Kingdom. Received April 08, 1987.

origin: United Kingdom. Perennial. Cultivated. Plant.

PI 555362. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Hepler, Paul, University of Maine, Orono, Maine, United States. Received June 22, 1981.

PI 555362-continued

origin: United States. **historical origin:** UNKNOWN.
pedigree: Unknown. **collected:** December 01, 1983.
Perennial. Plant.

PI 555363. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received April 07, 1983.

origin: United Kingdom. **pedigree:** Collected from the wild in Scotland. **collected:** August 20, 1982. **locality:** Dundee, Scotland. **latitude:** 56 deg. 30 min. N. **longitude:** 03 deg. 00 min. W. **elevation:** 100m. **remarks:** Possible cross pollination with other *Vaccinium* present. Perennial. Wild. Seed.

PI 555364 to 555365. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Rutkowski, Stan, Michigan State University, East Lansing, Michigan, United States. Received January 13, 1983.

PI 555364 **origin:** United States. **origin institute:** Michigan State University, East Lansing, Michigan. **cultivar:** Koralle. **pedigree:** Open-pollinated seed of Koralle. **collected:** January 03, 1983. Perennial. Breeding Material. Seed.

PI 555365 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS/NPGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon. **pedigree:** Seedling selection of OP seed of Ernte Krone (CVAC 944). **collected:** January 03, 1983. Perennial. Breeding Material. Plant.

PI 555366. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 02, 1984.

origin: Poland. **pedigree:** Collected from the wild in Poland. **collected:** July 27, 1984. **locality:** Young pine forest with little understory trees or shrubs. **latitude:** 53 deg. 42 min. N. **longitude:** 17 deg. 32 min. E. **elevation:** 100m. **remarks:** Very low 5 to 7 cm evergreen shrub, fruiting very light. Perennial. Wild. Plants.

PI 555367 to 555368. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Universite de Neuchatel, Jardin Botanique, Neuchatel, Switzerland. Received September 18, 1984.

PI 555367 to 555368-continued

PI 555367 **origin:** Switzerland. **pedigree:** Open Pollinated from botanical garden. **locality:** La Crete-du-Locke, Switzerland. **latitude:** 46 deg. 30 min. N. **longitude:** 08 deg. E. **elevation:** 1250m. Perennial. Cultivated. Seed.

PI 555368 **origin:** Switzerland. **pedigree:** Open pollinated from botanical collection. **locality:** Champeix, Switzerland. **latitude:** 45 deg. 37 min. N. **longitude:** 03 deg. 08 min. E. **elevation:** 1500m. Perennial. Cultivated. Seed.

PI 555369 to 555370. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Pliszka, K., Warsaw Agricultural University, Warsaw, Poland. Received November 19, 1984.

PI 555369 **origin:** Poland. **origin institute:** Warsaw Agricultural University, Akademia Rolnicza, Warsaw. **cultivar:** Koralle. **pedigree:** Seedling selection of *V. vitis-idaea*. Perennial. Cultivar. Plant.

PI 555370 **origin:** Poland. **origin institute:** Warsaw Agricultural University, Akademia Rolnicza, Warsaw. **cultivar:** Masovia. **pedigree:** *V. vitis-idaea* seedling selection. Perennial. Cultivar. Plant.

PI 555371 to 555375. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 18, 1985.

PI 555371 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 07, 1985. **locality:** Biological Research Station, Konneveski. **latitude:** 63 deg. 00 min. N. **longitude:** 28 deg. 00 min. E. **elevation:** 100m. **remarks:** Typical plants, 20 cm tall, some fruit, beginning to ripen. Perennial. Wild. Seed.

PI 555372 **origin:** Norway. **pedigree:** Collected from the wild in Norway. **collected:** July 28, 1985. **locality:** Viksoyri, open area above treeline at edge of steep hill. **latitude:** 61 deg. 30 min. N. **longitude:** 22 deg. 30 min. E. **elevation:** 1000m. **remarks:** Small plant < 5 cm tall, in protected spots, fruit green. Perennial. Wild. Plant.

PI 555371 to 555375-continued

- PI 555373 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 17, 1985. **locality:** Yllastuntri, N slope, about tree line at "fells" of mountain. **latitude:** 66 deg. 30 min. N. **longitude:** 24 deg. 00 min. E. **elevation:** 375m. **remarks:** Typical, 10 cm tall, fruit green. Perennial. Wild. Seed.
- PI 555374 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 15, 1985. **locality:** Oulanka Nat'l Park, above Oulankajski River, in pine forest. **latitude:** 66 deg. 00 min. N. **longitude:** 32 deg. 00 min. E. **elevation:** 200m. **remarks:** Typical, 20 cm tall, fruit green. Perennial. Wild. Plant.
- PI 555375 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** August 18, 1985. **locality:** Saana Mtn, in rocky tundra above treeline. **latitude:** 64 deg. 00 min. N. **longitude:** 21 deg. 00 min. E. **elevation:** 570m. **remarks:** Typical, 8 cm tall, fruit green. Perennial. Wild. Plant.

PI 555376 to 555378. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Hiirsalmi, Heimo, Department of Horticulture, Piikkio, Finland. Received January 30, 1986.

- PI 555376 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** September 01, 1985. **locality:** Kitee. **latitude:** 62 deg. 05 min. N. **longitude:** 30 deg. 10 min. E. Perennial. Wild. Seed.
- PI 555377 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** September 01, 1985. **locality:** Jamsa. **latitude:** 61 deg. 50 min. N. **longitude:** 25 deg. 15 min. E. Perennial. Wild. Seed.
- PI 555378 **origin:** Finland. **pedigree:** Collected from the wild in Finland. **collected:** September 01, 1985. **locality:** Rasivaara. **latitude:** 62 deg. 15 min. N. **longitude:** 29 deg. 45 min. E. Perennial. Wild. Seed.

PI 555379 to 555381. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 16, 1986.

PI 555379 to 555381-continued

PI 555379 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Cowberry, Mountain Cranberry. **collected:** August 26, 1986. **locality:** Chena River State Rec Area, shallow bog on NW slope. **latitude:** 64 deg. 50 min. N. **longitude:** 146 deg. 30 min. W. **elevation:** 260m. **remarks:** Typical but variable in size because of varying moisture. Perennial. Wild. Seed.

PI 555380 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Cowberry, Mountain Cranberry. **collected:** August 26, 1986. **locality:** Matanuska Glacier State Rec. Area, partially disturbed site. **latitude:** 62 deg. 10 min. N. **longitude:** 147 deg. 30 min. W. **elevation:** 480m. **remarks:** Found on drier part of site, smaller than usual. Perennial. Wild. Plant.

PI 555381 **origin:** United States. **pedigree:** Collected from the wild in Alaska. **local name:** Cowberry, Mountain Cranberry. **collected:** September 01, 1986. **locality:** On bank of Delta River, relatively dry site. **latitude:** 63 deg. 50 min. N. **longitude:** 145 deg. 30 min. W. **elevation:** 400m. **remarks:** Typical but not vigorous, no fruit. Perennial. Wild. Plant.

PI 555382. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Jahn, Otto, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received September 15, 1986.

origin: United States. **pedigree:** Collected from the wild in Alaska. **local name:** Cowberry, Mountain Cranberry. **collected:** August 26, 1986. **locality:** Chena River State Rec Area, open spruce forest along ridge. **latitude:** 64 deg. 50 min. N. **longitude:** 146 deg. 30 min. W. **elevation:** 550m. **remarks:** Creeping woody evergreen plant to 20 cm, crop variable. Perennial. Wild. Seed.

PI 555383. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Chandler, Jim, USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received August 14, 1990.

origin: Poland. **historical origin:** United States. **origin institute:** NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon 97333. **pedigree:** Selection from wild seedlot from Poland. **collected:** July 27, 1984. **latitude:** 53 deg. 42 min. N. **longitude:** 17 deg. 32 min. E. **elevation:** 100m. **remarks:** Sister selection of CVAC 337. Perennial. Breeding Material. Plant.

PI 555384 to 555388. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Vorsa, N., Rutgers University, Blueberry and Cranberry Res. Sta., Chatsworth, New Jersey, United States. Received September 06, 1990.

PI 555384 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Cutting.

PI 555385 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Cutting.

PI 555386 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Cutting.

PI 555387 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.

PI 555388 **origin:** USSR. **pedigree:** Collected from the wild in the USSR. **collected:** August 30, 1990. **locality:** Sakhalin Island. **latitude:** 50 deg. N. **longitude:** 142 deg. E. Perennial. Wild. Seed.

PI 555389. *Vaccinium vitis-idaea* L. ERICACEAE Cowberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria Road, Corvallis, Oregon, United States. Received October 01, 1990.

origin: United States. **pedigree:** Collected from the wild in Maine. **locality:** Bangor. **latitude:** 44 deg. 45 min. N. **longitude:** 68 deg. 50 min. W. Perennial. Wild. Plant.

PI 555390. *Vaccinium vitis-idaea* L. ERICACEAE Cranberry

Donated by: Ehrlenbach, Fred, Elsworth, Maine, United States. Received December 06, 1990.

origin: United States. **pedigree:** Collected from the wild in Maine. **collected:** December 02, 1990. **locality:** 1 mi west of Trenton, ME off Hiway 230 overlooking Union Bay. **latitude:** 44 deg. 30 min. N. **longitude:** 68 deg. 30 min. W. **elevation:** 30m. **remarks:** Native lingonberry. Perennial. Wild. Plant.

PI 555391. *Vaccinium vitis-idaea* subsp. *minus* (Lodd.) Hulten ERICACEAE
Lingonberry

Donated by: Shimura, Isao, Toyko University of Agriculture, Tokyo,
Japan. Received April 07, 1983.

origin: Japan. **historical origin:** United States. **origin
institute:** USDA/ARS/NGR-Corvallis, 33447 Peoria Road,
Corvallis, Oregon. **pedigree:** Seedling selection from
wild Japanese seedlot CVAC 941. **local name:** Koke Momo.
Perennial. Breeding Material. Plant.

PI 555392. *Vaccinium vitis-idaea* subsp. *minus* (Lodd.) Hulten ERICACEAE
Lingonberry

Donated by: Hummer, K.E., USDA/ARS/NCGR-Corvallis, 33447 Peoria
Road, Corvallis, Oregon, United States. Received October 01, 1990.

origin: United States. **pedigree:** Collected from the wild
in Maine. **collected:** September 1990. **locality:** Marlboro
by the Sea, shady wooded area Rt 204 2mi from ocean.
latitude: 44 deg. 30 min. N. **longitude:** 68 deg. 20 min.
W. **elevation:** 100m. **remarks:** This site was more upland
and dry than boggy altho sphagnum and other mosses were
present, also E. Hemlock, birch. Perennial. Wild.
Plant.

PI 555393. *Vaccinium vitis-idaea* subsp. *minus* (Lodd.) Hulten ERICACEAE
Lingonberry

Donated by: Plutko, Ernest, Baudette, Minnesota, United States.
Received May 15, 1991.

origin: United States. **pedigree:** Collected from the wild
in Minnesota. **local name:** Lingonberry. **collected:** May
1991. **locality:** Lake of the Woods County, Gudrid
Township, Baudette. **latitude:** 48 deg. 35 min. N.
longitude: 94 deg. 30 min. W. Perennial. Wild. Plant.

PI 555394 to 555395. *Vaccinium x hagerupii* (A. Love & D. Love) Rothm.
ERICACEAE

Donated by: Koropachunsky, I., Central Siberian Botanical Garden,
Novosibirsk, USSR. Received January 1991.

PI 555394 **origin:** USSR. **pedigree:** Open pollinated from botanical
collection. **collected:** August 18, 1990. **remarks:** Mother
plant collected in Tyumenskaya Province, Kondinsky
region, vicinity of Uray village. Perennial.
Cultivated. Seed.

PI 555394 to 555395-continued

PI 555395 **origin:** USSR. **pedigree:** Open pollinated from botanical collection. **collected:** August 18, 1990. **remarks:** Mother plant collected in Novosibirsk Province, Dovolensky region, Lake Inder. Perennial. Cultivated. Seed.

Scientific Name Cross Reference

Abelmoschus esculentus	554619-554642	554645	
Aegilops biuncialis	550931-551016, 554146-554177	Brassica oleracea	554603
Aegilops columnaris	554178-554190	Capsicum annum	554601, 554657
Aegilops comosa	551017-551038, 554191-554193	Chrysopogon fulvus	554618
Aegilops comosa subsp. heldreichii	551039-551081, 554194	Cicer arietinum	552530-552531, 552788-552790
Aegilops crassa	554195-554199	Clematis ligusticifolia	551339
Aegilops cylindrica	551082, 554200-554234	Cowania mexicana	552565-552567
Aegilops geniculata	551083-551118	Cynara scolymus	554614
Aegilops longissima	554235-554236	Elymus lanceolatus subsp. lanceolatus	552791-552794
Aegilops markgrafii var. markgrafii	551119-551150, 554237	Festuca arundinacea	552809
Aegilops neglecta	551151-551177, 554238-554266	Fragaria chiloensis	551410, 551442-551469, 551511-551512, 551546, 551582, 551650, 551724-551740, 551752-551753, 551764-551765, 551958-551959, 551962-552232, 552294-552295
Aegilops peregrina	554267-554270	Fragaria gracilis	551576
Aegilops sharonensis	554271	Fragaria hybrid	551473-551475, 551682-551690, 551693-551715, 551795, 551847, 551903-551907, 551910-551911, 551961
Aegilops sp.	554272-554290	Fragaria iinumae	551751, 551866
Aegilops speltoides	554291-554304	Fragaria moschata	551528, 551549-551550, 551583, 551612, 551654, 551750, 551869
Aegilops speltoides var. ligustica	554305	Fragaria nipponica	551868
Aegilops tauschii	554306-554324	Fragaria nubicola	551851-551854
Aegilops triuncialis	551178-551250, 554325-554384	Fragaria orientalis	551864
Aegilops umbellulata	554385-554417	Fragaria ovalis	551815, 551960
Aegilops uniaristata	554418-554421	Fragaria sp.	551716-551717, 551766, 551849-551850, 551855-551858, 551867, 552234-552238, 552267-552269, 552271-552272
Aegilops ventricosa	554422	Fragaria vesca	551498, 551507-551508, 551510, 551513-551514, 551517, 551519, 551572-551573, 551644-551647, 551649, 551723, 551743-551744, 551782-551785, 551791-551793, 551807, 551821-551827, 551833-551835, 551841, 551874, 551881-551886, 551890-551893, 551898, 551908, 552239-552249, 552273-552274, 552281-552290, 552293
Allium campanulatum	552817	Fragaria vesca subsp. bracteata	551523-551525
Allium cepa	554613	Fragaria vesca subsp. californica	551749
Amaranthus australis	553076-553077	Fragaria vesca subsp. vesca	551909
Amaranthus caudatus	553073	Fragaria vesca var. crinita	
Amaranthus floridanus	553078		
Amaranthus graecizans	553079		
Amaranthus pumilus	553080-553085		
Amaranthus rudis	553086		
Arachis hypogaea	552555, 552787		
Arachis sp.	553013		
Avena sativa	552964-552971		
Beta vulgaris	552532-552534		
Brassica napus	552810, 554644-		

551551-551552, 551813
Fragaria virginiana 551470,
551495-551497, 551515, 551571,
551651, 551721-551722, 551774,
551786-551787, 551790, 551794,
551805-551806, 551811-551812,
551875-551880, 551888-551889,
551894, 552233, 552250-552256,
552275-552280, 552291
Fragaria virginiana
subsp. *glauca* 551521-551522,
551526, 551639-551643, 551648,
551745-551747, 551775-551781,
551788-551789, 551887
Fragaria virginiana
subsp. *platypetala* 551471,
551516, 551518, 551520, 551527,
551553, 551748, 551816-551820
Fragaria viridis 551741-551742,
551865
Fragaria x ananassa 551394-
551409, 551411-551441, 551472,
551476-551494, 551499-551506,
551509, 551529-551545, 551547-
551548, 551554-551570, 551574-
551575, 551577-551581, 551584-
551611, 551613-551638, 551652-
551653, 551655-551681, 551691-
551692, 551718-551720, 551754-
551763, 551767-551773, 551796-
551804, 551808-551810, 551814,
551828-551832, 551836-551840,
551842-551846, 551848, 551859-
551863, 551870-551873, 551895-
551897, 551899-551902, 551912-
551957, 552257-552266, 552270,
552292
Glycine max 552538, 553038-
553053, 554604
Gossypium hirsutum 552535-
552537, 552556-552563, 554643
Helianthus annuus 552931-
552954
Hordeum bulbosum 554423
Hordeum spontaneum 554424-
554428
Hordeum vulgare 552539, 552955-
552963, 554145, 554429-554436
Ipomoea amnicola 553010
Ipomoea aquatica 553004-553005
Ipomoea lindheimeri 553011
Ipomoea ramosissima 552785-
552786
Ipomoea tenuissima 553012
Koeleria macrantha 554139
Lactuca sativa 553065, 554656,
554660

Leymus cinereus 552795-552796
Lolium multiflorum 554610,
554659
Lolium perenne 552529, 554608-
554609
Macroptilium atropurpureum
553015
Macrotyloma axillare 553014
Medicago sativa 552540-552551,
552564, 554605
Melilotus albus 553075
Melilotus officinalis 552552-
552554
Momordica dioica 552411
Musa acuminata 553021-553033
Musa hybrid 553034
Musa maclayi subsp. *ailuluai*
553037
Musa peekelii subsp. *peekelii*
553036
Musa schizocarpa 553035
Nicotiana tabacum 551251-
551338, 551341, 552296-552410,
552412-552426, 552428-552526,
552569-552784, 554140
Oryzopsis hymenoides 552797-
552808
Panicum adspersum 551342
Panicum bisulcatum 551343
Panicum bulbosum 551344-551351
Panicum capillare 551352-
551356
Panicum dichotomiflorum 551357-
551358
Panicum fasciculatum 551359-
551368
Panicum hirticaule 551369-
551384
Panicum molle 551385-551386
Panicum repens 551387-551390
Panicum texanum 551391-551393
Perilla frutescens 553074,
553087
Phaseolus vulgaris 552811,
553066-553068, 554123-554138,
554602, 554607
Prunus armeniaca 552867-552882
Prunus avium 552883-552888
Prunus cerasus 552889-552900
Prunus mume 552901
Prunus persica 552903-552926
Prunus persica var. *nucipersica*
552902
Prunus salicina 552927-552928
Prunus sp. 552929-552930
Rubus adenothallus 553092
Rubus allegheniensis 553093-

553098, 553331, 553333
 Rubus alumnus 553099-553100
 Rubus ammobius 553101
 Rubus apetalus 553102
 Rubus arcticus 553103, 553831
 Rubus arcticus
 nsubsp. stellarcticus
 553104-553109
 Rubus argutus 553110
 Rubus axillaris 553111, 553891
 Rubus buergeri 553112
 Rubus caesius 553113-553124
 Rubus canadensis 553125-553141
 Rubus caucasicus 553142-553147
 Rubus chamaemorus 553148-
 553156
 Rubus chingii 553157-553160
 Rubus cissoides 553161-553164
 Rubus conothyrsoides 553165
 Rubus corchorifolius 553166-
 553170
 Rubus coreanus 553171-553172
 Rubus crataegifolius 553173-
 553182, 553466
 Rubus cyri 553183
 Rubus deliciosus 553184
 Rubus discolor 553185
 Rubus drejeri 553186
 Rubus echinatus 553187
 Rubus ellipticus 553188-553190
 Rubus erythrops 553191
 Rubus flagellaris 553192-
 553193
 Rubus flosculosus 553194-
 553196
 Rubus formosensis 553197
 Rubus fraxinifolius 553198
 Rubus frondosus 553199
 Rubus georgicus 553201
 Rubus glandithyrsos 553202
 Rubus glandulosus 553203
 Rubus glaucus 553204-553210
 Rubus grabowskii 553211
 Rubus gunnianus 553212
 Rubus hartmanii 553213
 Rubus hawaiiensis 553214-553222
 Rubus henryi 553223
 Rubus hillii 553224-553226
 Rubus hirsutus 553227-553233
 Rubus hispidus 553234
 Rubus hoffmeisterianus 553235-
 553241
 Rubus humulifolius 553242
 Rubus hybrid 553243-553330,
 553332, 553334-553355
 Rubus idaeus 553356-553407,
 553409-553435, 553437-553465,

553467-553481, 553484-553517,
 553519-553520, 553523-553530,
 553532-553550, 553552-553640,
 553967
 Rubus illecebrosus 553641-
 553644
 Rubus inermis 553645
 Rubus innominatus 553646
 Rubus insularis 553647
 Rubus irritans 553648-553649
 Rubus kawakamii 553650
 Rubus laciniatus 553651-553652
 Rubus lambertianus 553653-
 553656
 Rubus lambertianus var. glaber
 553657-553658
 Rubus lasiococcus 553659-
 553663
 Rubus lasiostylus 553664-
 553670
 Rubus lasiostylus
 var. hubeiensis 553671
 Rubus leucodermis 553672-
 553702
 Rubus lindebergii 553703
 Rubus lucidus 553704-553705
 Rubus macilentus 553706-553707
 Rubus macraei 553708-553709
 Rubus macrocarpus 553710
 Rubus microphyllus
 var. microphyllus 553711
 Rubus minusculus 553712
 Rubus miszzenkoi 553713
 Rubus moluccanus 553714-553715
 Rubus moschus 553716
 Rubus mulleri 553717-553718
 Rubus neomexicanus 553719-
 553720
 Rubus nessensis 553721-553722
 Rubus niveus 553723-553732
 Rubus occidentalis 553733-
 553774
 Rubus odoratus 553775-553779
 Rubus orarius 553780-553781
 Rubus palmatus 553782-553783
 Rubus parviflorus 553784-
 553812
 Rubus parvifolius 553813-
 553824
 Rubus parvus 553825
 Rubus pedatus 553826-553830,
 553832-553833
 Rubus pergratus 553834
 Rubus phoenicolasius 553835-
 553836
 Rubus plicatus 553837-553838
 Rubus polyanthemus 553839

Rubus praecox	553840-553846	Trifolium pratense	554143-
Rubus pubescens	553847-553848	554144	
Rubus pungens	553849	Triticum aestivum	552427,
Rubus pyramidalis	553850	552812-552814, 552816, 552975-	
Rubus radula	553852	553003, 554096-554119, 554141-	
Rubus rhombifolius	553853	554142, 554438-554475, 554606,	
Rubus rolfei	553854-553855,	554611, 554655	
553899		Triticum boeoticum	554476-
Rubus rosifolius	553856-553861	554577	
Rubus rugosus	553862	Triticum compactum	554120-
Rubus sachalinensis	553863-	554121, 554578-554579	
553872		Triticum dicoccoides	554580-
Rubus sanctus	553873-553879	554584	
Rubus saxatilis	553880-553881	Triticum durum	554122, 554585-
Rubus schmidelioides	553882-	554594	
553883		Triticum monococcum	554595-
Rubus senticosus	553884	554596	
Rubus separinus	553885-553887	Triticum spelta	554658
Rubus shankii	553889	Triticum urartu	554597-554600
Rubus simplex	553890	Vaccinium acrobracteatum	
Rubus slesvicensis	553200,	554661	
553851, 553892		Vaccinium angustifolium	554662-
Rubus sp.	553436, 553888, 553893-	554674	
553898, 553900-553901, 553903-		Vaccinium arboreum	554675-
553966, 553968-553979		554692	
Rubus spectabilis	553980-	Vaccinium ashei	554693-554721
554008		Vaccinium axillare	554723-
Rubus squarrosus	554009	554724	
Rubus strigosus	553408, 553482-	Vaccinium boreale	554725-
553483, 553518, 553521-553522,		554727	
553531, 553551, 553902, 554010-		Vaccinium bracteatum	554728-
554040		554733	
Rubus sumatranus	554041	Vaccinium caespitosum	554734-
Rubus takesimensis	554042	554735	
Rubus tephrodes	554043-554045	Vaccinium consanguineum	554736
Rubus tephrodes		Vaccinium coriaceum	554787
var. ampliflorus	554046-	Vaccinium cornigerum	554788
554048		Vaccinium corymbosum	554737-
Rubus thibetanus	554049	554786, 554789-554899	
Rubus trianthus	554050	Vaccinium crassifolium	554900
Rubus trifidus	554051	Vaccinium cylindraceum	554901
Rubus trivialis	554052-554058	Vaccinium darrowii	554902-
Rubus tuberculatus	554059	554904	
Rubus ulmifolius	554060	Vaccinium delavayi	554905
Rubus ursinus	554061-554090	Vaccinium deliciosum	554906-
Rubus vestitus	554091-554092	554909	
Rubus vigorosus	554093	Vaccinium elliottii	554910-
Rubus wahlbergii	554094-554095	554924	
Saccharum hybrid	553069-553071	Vaccinium emarginatum	554925
Saccharum officinarum	553072	Vaccinium erythrocarpum	554926-
Secale ancestrale	554437	554929	
Secale cereale	552972-552973	Vaccinium floribundum	554930-
Setaria macrostachya	552568	554931	
Sorghum bicolor	552527-552528,	Vaccinium fuscatum	554722,
552818-552862, 553006-553009,		554932-554933	
554646-554654		Vaccinium glauco-album	554934
Symphoricarpos albus	551340	Vaccinium globulare	554935

Vaccinium hirsutum	554936-	555360
554938		Vaccinium varingifolium
Vaccinium hirtum	554939-554941	555361
Vaccinium hybrid	554942-554961	Vaccinium vitis-idaea
Vaccinium japonicum	554962-	555390
554964		Vaccinium vitis-idaea
Vaccinium koreanum	554965-	subsp. minus
554968		555391-555393
Vaccinium laurifolium	554969	Vaccinium x hagerupii
Vaccinium macrocarpon	554970-	555394-
555031		555395
Vaccinium membranaceum	555032-	Vetiveria zizanioides
555078		554617
Vaccinium microcarpum	555079	X Triticosecale sp.
Vaccinium moupinense	555080	552974
Vaccinium myrsinites	555081	Zea mays subsp. mays
Vaccinium myrtilloides	555082-	552815,
555085		552863-552866, 553054-553064,
Vaccinium myrtilus	555086-	553088-553091, 554612, 554615-
555111		554616
Vaccinium neilgherrense	555112	Zoysia japonica
Vaccinium oldhamii	555113-	553016-553018
555125		Zoysia macrostachya
Vaccinium ovalifolium	555126-	553020
555159		Zoysia sinica
Vaccinium ovatum	555160-555182	553019
Vaccinium oxycoccos	555183-	
555194		
Vaccinium padifolium	555195-	
555196		
Vaccinium pahalae	555197	
Vaccinium pallidum	555198-	
555207		
Vaccinium parvifolium	555208-	
555237		
Vaccinium phillyreoides	555238	
Vaccinium praestans	555239-	
555241		
Vaccinium reticulatum	555242-	
555253		
Vaccinium scoparium	555254-	
555266		
Vaccinium sempervirens	555267	
Vaccinium simulatum	555268-	
555291		
Vaccinium smallii	555292-	
555293		
Vaccinium sp.	555294-555321	
Vaccinium stamineum	555322-	
555327		
Vaccinium tenellum	555328-	
555334		
Vaccinium uliginosum	555335-	
555356		
Vaccinium uliginosum		
subsp. occidentale	555357	
Vaccinium vacillans	555358-	

Common Name Cross Reference

Alfalfa	552540-552551, 552564, 554605	Dry bean	554602
Amaranth	553073	Field bean	552811
Annual ryegrass	554610, 554659	Garden bean	554607
Apricot	552867-552868	Globe artichoke	554614
Barley	552955-552963	Half High Blueberry	554942-554943, 554952
Basin wildrye	552795-552796	Highbush Blueberry	554789-554899, 554944, 554948-554949, 554953-554955
Bean	553066-553068	Huckleberry	555197
Black Raspberry	553672-553702, 553733-553774, 553862	Hybrid	553274, 553313-553314, 553316-553318, 553323-553328, 553346-553347
Blackberry	553093-553098, 553110-553111, 553113-553147, 553161-553164, 553185-553187, 553192-553193, 553197, 553199-553200, 553203-553211, 553213, 553223-553226, 553243-553258, 553260-553273, 553275-553300, 553303-553306, 553308-553312, 553315, 553319, 553322, 553329, 553331, 553333-553334, 553336, 553338-553345, 553348, 553353-553355, 553645, 553647, 553650-553658, 553703-553705, 553722, 553780-553781, 553837-553846, 553850-553853, 553873-553879, 553882-553887, 553891-553892, 553895-553897, 553910-553911, 553913-553920, 553925-553931, 553945-553948, 553951, 553954, 553963-553965, 553968-553970, 553972-553974, 553976-553977, 554052-554058, 554060-554095	Japanese apricot	552901
Blueberry	554726-554727, 554734-554735, 554913-554924, 554958, 554961, 555032-555078, 555206-555207, 555237, 555254-555266, 555316, 555327, 555354, 555357	Lettuce	553065, 554656, 554660
Broomcorn	553006-553009	Lingonberry	555391-555393
Cauliflower	554603	Lowbush Blueberry	554662-554674, 555081, 555333-555334
Chickpea	552530-552531, 552788-552790	Okra	554619-554642
Cliffrose	552565-552567	Onion	552817, 554613
Common oat	552964-552971	Ornamental	554900, 555267
Common wheat	552427, 552812-552814, 552816, 552975-553003, 554096-554119, 554141-554142, 554606, 554611	Peanut	552555, 552787, 553013
Corn	552815, 552863-552866, 553054-553064, 553088-553091, 554612, 554615-554616	Pepper	554601, 554657
Cotton	552535-552537, 554643	Perennial ryegrass	552529, 554608-554609
Cowberry	555362-555389	Perilla	553074, 553087
Cranberry	554729-554731, 554970-555031, 555079, 555125, 555186, 555193-555194, 555390	Plains Bristlegrass	552568
		Purple Raspberry	553259, 553301-553302, 553307, 553320-553321, 553330, 553332, 553335, 553337, 553352, 553730-553731
		Rabbieye Blueberry	554959
		Rabbiteye Blueberry	554693-554721, 554956, 554960
		Rape	552810, 554644-554645
		Raspberry	553103-553109, 553148-553160, 553166-553182, 553184, 553188-553190, 553194-553196, 553214-553222, 553227-553241, 553356-553494, 553496-553506, 553508-553644, 553646, 553648-553649, 553659-553671, 553711-553712, 553714-553715, 553717-553721, 553723-553729, 553732, 553775-553779, 553782-553824, 553826-553833, 553835-553836, 553847-553849, 553854-553861, 553863-553872, 553880-553881, 553888-553890, 553893-553894, 553899, 553912, 553949-553950, 553952, 553966-553967, 553975, 553978, 553980-554008, 554010-554041, 554043-554051
		Red clover	554143-554144
		Rye	552972-552973

Siratro	553015
Snowberry	551340
Sorghum	552527-552528, 552818-552862, 554646-554654
Southern Highbush Blueberry	554951, 554957
Soybean	552538, 553038-553053, 554604
Spelt	554658
Strawberry	551394-552295
Sugarbeet	552532-552534
Sugarcane	553069-553072
Sunflower	552931-552954
Sweetclover	552552-552554
Tall fescue	552809
Tobacco	551251-551338, 551341, 552296-552410, 552412-552426, 552428-552526, 552569-552784, 554140
Triticale	552974
Upland cotton	552556-552563
Wheat	554655
Winter barley	552539
Yellow Raspberry	553495, 553507, 553706-553707
Zoysia	553016-553018

Acronyms

For space conservation and consistency in identifying locations, the following acronyms have been used in Plant Inventory 200:

- AVRDC - Asian Vegetable Research and Development Center (Taiwan)
- CIMMYT - Centro Internacional de Mejoramiento de Maiz y Trigo (Mexico)
- CIAT - Centro Internacional de Agricultura Tropical (Colombia)
- CSIRO - Commonwealth Scientific and Industrial Research Organization (Australia)
- EMBRAPA- - Empresa Brasileira de Pesquisas Agropecuarias
- CENARGEN - Centro Nacional de Recursos Geneticos (Brazil)
- IBPGR - International Board for Plant Genetic Resources (Italy)
- ICARDA - International Center for Agricultural Research in the Dry Areas (Syria)
- ICRISAT - International Crops Research Institute for the Semi-Arid Tropics
- IFAS - Institute of Food and Agricultural Science (USA)
- IFOGU - Institut fur Obstbau und Gemusebau (Germany)
- INRA - Institut National de la Recherche Agronomique (France)
- IITA - International Institute of Tropical Agriculture (Nigeria)
- IPPQ - Institute for Plant Production and Qualification (Hungary)
- ORSTOM - Office de la recherche scientifique et technique d'outre mer (France)
- PGQO - Plant Germplasm Quarantine Office (USA)
- USDA-ARS - U.S. Department of Agriculture, Agricultural Research Service (USA)
- USDA-SCS - U.S. Department of Agriculture, Soil Conservation Service (USA)
- VIR - N.I. Vavilov Institute of Plant Industry (USSR)